EVS TEATAJA

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Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

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Uued eestikeelsed standardid

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ASUTATUD JA TEGEVUSE LÕPETANUD KOMITEED

EVS/TK 85 „Biomeetria“ asutamine

Komitee tähis: EVS/TK 85
Komitee nimi: Biomeetria
Komitee asutamise kuupäev: 11.07.2024
Komitee käsitlusala: Inimestega seotud üldiste biomeetriliste tehnoloogiate standardimine toetamaks rakenduste ja süsteemide koostalitlusvõimet ja andmevahetust. Üldised inimese biomeetrilised standardid hõlmavad järgmist: ühised failiraamistikud; biomeetriliste rakenduste API-d; biomeetriliste andmete vahetamise vormingud; seotud biomeetrilised profiilid; hindamiskriteeriumide rakendamine biomeetrilistele tehnoloogiatele; toimivustestimise ja aruandluse metoodikad ning jurisdiktsioonide vahelised ja ühiskondlikud aspektid.
Komitee asutajaliikmed on Politsei- ja Piirivalveamet, Siseministeeriumi infotehnoloogia- ja arenduskeskus, Cybernetica AS ning SK ID Solutions AS.
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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

CEN ISO/TR 41019:2024

Facility management's role in sustainability, resilience and adaptability (ISO/TR 41019:2024)

This document provides a broad societal context for facility management (FM) to inspire organizations that wish to: — establish and improve a sustainable integrated FM system; — embrace the wide-ranging and positive contribution that FM makes in managing the built environment; — support the United Nations (UN) Sustainable Development Goals (SDGs). This document provides a non-exhaustive contextual introduction to relevant concepts, initiatives and terms that are in common use. It is acknowledged that the practice of FM internationally is dynamic and diverse, hence this document provides generic information based on current experience without setting out any specific requirements, recommendations or permissions. Organizations are encouraged to make their own enquiries as to the extent this document is applicable to their circumstances.

Keel: en
Alusdokumendid: ISO/TR 41019:2024; CEN ISO/TR 41019:2024

CWA 18123:2024

Guidelines on Action Research for Large Scale Piloting

The planned Workshop will define Action Research and its role in large scale pilots. It will identify the key stakeholders involved and outline the necessary steps to conduct Action Research including planning, pre-validation, deployment, data collection and analysis. This workshop will provide guidance on ethical consideration as well as addressing challenges and solutions like managing data, communication and collaboration among stakeholders. It will specify ways to ensure the sustainability and scalability of the Action Research outcomes. Key competencies and skills researchers and other stakeholders need to conduct Action Research will be outlined. The planned workshop will establish a framework for the identification of opportunities for future research and collaboration in this area. This planned workshop is intended to mainly be used by researchers and pilot managers, but can also be useful to other involved stakeholders like health and care providers, ethics boards and technology providers.

Keel: en
Alusdokumendid: CWA 18123:2024

11 TERVISEHOOLDUS

EVS-EN 556-1:2024

Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis peavad kandma märgistust "STERIILNE". Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele
Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 1: Requirements for terminally sterilized medical devices

This document specifies the requirements for a terminally sterilized medical device to be designated 'STERILE'. Part 2 of this European standard specifies the requirements for an aseptically processed medical device to be designated "STERILE". NOTE For the purpose of the EU Directive(s) for medical devices (see Bibliography), designation of a medical device as 'STERILE' is only permissible when a validated sterilization process has been applied. Requirements for validation and routine control of processes for the sterilization of medical devices are specified in EN ISO 11135, EN ISO 11137, EN ISO 14160, EN ISO 14937, EN ISO 17665-1, EN ISO 20857, EN ISO 25424 and ISO 22441.

Keel: en
Alusdokumendid: EN 556-1:2024
Asendab dokumenti: EVS-EN 556-1:2002

EVS-EN ISO 18113-1:2024

In vitro diagnostikameditsiiniseadmed. Tootja antav teave (etikettimine). Osa 1: Terminid, määratlused ja üldnõuded
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 1: Terms, definitions, and general requirements (ISO 18113-1:2022)

This document defines concepts, establishes general principles, and specifies essential requirements for information supplied by the manufacturer of IVD medical devices. This document does not address language requirements since that is the domain of national laws and regulations. This document does not apply to: a) IVD medical devices for performance evaluation (e.g. for investigational use only); b) shipping documents; c) material safety data sheets / Safety Data Sheets; d) marketing information (consistent with applicable legal requirements). .

Keel: en
Alusdokumendid: ISO 18113-1:2022; EN ISO 18113-1:2024
Asendab dokumenti: EVS-EN ISO 18113-1:2011

EVS-EN ISO 18113-4:2024

In vitro diagnostikameditsiiniseadmed. Tootja antav teave (etikettimine). Osa 4: In vitro diagnostika reagendid enesetestimiseks
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 4: In vitro diagnostic reagents for self-testing (ISO 18113-4:2022)

This document specifies requirements for information supplied by the manufacturer of in vitro diagnostic (IVD) reagents, calibrators, and controls intended for self-testing. This document can also be applicable to accessories. This document is applicable to the labels for outer and immediate containers and to the instructions for use. This document does not apply to: a) IVD instruments or equipment; b) IVD reagents for professional use.

Keel: en
Alusdokumendid: ISO 18113-4:2022; EN ISO 18113-4:2024
Asendab dokumenti: EVS-EN ISO 18113-4:2011

EVS-EN ISO 18113-5:2024

In vitro diagnostikameditsiiniseadmed. Tootja antav teave (etikettimine). Osa 5: In vitro diagnostikainstrumendid enesetestimiseks
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 5: In vitro diagnostic instruments for self-testing (ISO 18113-5:2022)

This document specifies requirements for information supplied by the manufacturer of in vitro diagnostic (IVD) instruments intended for self-testing. This document is also applicable to apparatus and equipment intended to be used with IVD instruments for self-testing. This document can also be applicable to accessories. This document does not apply to: a) instructions for instrument servicing or repair; b) IVD reagents, including calibrators and control materials for use in control of the reagent; c) IVD instruments for professional use.

Keel: en
Alusdokumendid: ISO 18113-5:2022; EN ISO 18113-5:2024
Asendab dokumenti: EVS-EN ISO 18113-5:2011

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN ISO/TR 41019:2024

Facility management’s role in sustainability, resilience and adaptability (ISO/TR 41019:2024)

This document provides a broad societal context for facility management (FM) to inspire organizations that wish to: — establish and improve a sustainable integrated FM system; — embrace the wide-ranging and positive contribution that FM makes in managing the built environment; — support the United Nations (UN) Sustainable Development Goals (SDGs). This document provides a non-exhaustive contextual introduction to relevant concepts, initiatives and terms that are in common use. It is acknowledged that the practice of FM internationally is dynamic and diverse, hence this document provides generic information based on current experience without setting out any specific requirements, recommendations or permissions. Organizations are encouraged to make their own enquiries as to the extent this document is applicable to their circumstances.

Keel: en
Alusdokumendid: ISO/TR 41019:2024; CEN ISO/TR 41019:2024

CEN/TS 18044:2024

Ambient air - Determination of the concentration of levoglucosan - Chromatographic method

This document specifies a chromatographic method for the determination of levoglucosan in aqueous or organic extracts of filter samples collected in accordance with EN 12341:2023 [5]. The method has been tested for concentrations of ca. 10 ng/m3 up to ca. 3 000 ng/m3 with a sampling duration of 24 h. The procedure is also suitable for the determination of galactosan and mannosan. Depending on the analysis instrumentation used, the carbohydrates inositol, glycerol, threitol/erythritol, xylitol, arabitol, sorbitol, mannitol, threalose, mannose, glucose, galactose and fructose can also be determined. However, no performance characteristics are given for these compounds in this document.

Keel: en
Alusdokumendid: CEN/TS 18044:2024

CWA 50748:2024

Protocol for CBRN sensor connectivity

This document defines requirements for an open global system, that accepts any kind of detection subsystems. It will include sensor connection, data transmission, data management and compatibility requirements. ISO/IEC/IECEE 21451-2:2010 applies to the connection and communication between smart transducer interfaces and a network capable of application processor, but it does not cover the communication via I²C. This CWA is specially developed for the communication via I²C. This CWA lays the foundations: - for the hardware-specific requirements for connecting CBRN sensors to a specially developed central communication unit, and - for the digital communication flow between the sensors and this unit. The intended users of this document are designers, manufacturers, integrators, and service providers from private and public companies.

Keel: en
Alusdokumendid: CWA 50748:2024

EVS-EN 14717:2024

Keevitamine ja külgnevad protsessid. Keskkonna kontroll-nimekiri
Welding and allied processes - Environmental check list

This document provides check lists for the assessment of the environmental aspects of welding fabrication of metallic materials including site and repair work. Informative annexes indicate recommended actions for avoiding and reducing the possible environmental impacts outside the workshop.

Keel: en
Alusdokumendid: EN 14717:2024
Asendab dokumenti: EVS-EN 14717:2005

EVS-EN 16976:2024

Ambient air - Determination of the particle number concentration of atmospheric aerosol

This document specifies a standard method for determining the particle number concentration in ambient air in a range up to about 107 cm–3 for averaging times equal to or larger than 1 min. The standard method is based on a Condensation Particle Counter (CPC) operated in the counting mode and an appropriate dilution system for concentrations exceeding the counting mode range. It also defines the performance characteristics and the minimum requirements of the instruments to be used. The lower and upper sizes considered within this document are 10 nm and a few micrometres, respectively. This document gives guidance on sampling, operation, data processing and QA/QC procedures including calibration parameters.

Keel: en
Alusdokumendid: EN 16976:2024
Asendab dokumenti: CEN/TS 16976:2016

EVS-EN 17950:2024

Protective helmets - Test methods - Shock absorption including measuring rotational kinematics

This document specifies a test method for helmets that measures the translational and rotational kinematics in impacts of a helmeted headform against an anvil.

Keel: en
Alusdokumendid: EN 17950:2024

EVS-EN 17971:2024

Devices for in-situ generation of biocides - Ozone

This document is applicable to devices for the generation and dosing of ozone. The ozone is generated in these devices according to the technology of dielectric barrier discharge. According to EN 1278 and EN 15074, ozone is suited for the use of the treatment of water intended for human consumption (drinking water), and for the treatment of swimming pool water respectively. Ozone can be added to the water for disinfection and for oxidative purposes. This document can also be applied for other technologies to generate ozone, e.g. electrolysis or UV irradiation, as far as reasonable or applicable. This document specifies device's construction, and test methods for the equipment used for in situ generation of ozone. It also specifies requirements for instructions for installation, operation, maintenance, safety and for documentation to be provided with the product.

Keel: en
Alusdokumendid: EN 17971:2024

EVS-EN 17983:2024

Algae and algae products - Measurement for renewable algal raw material for energy and non-energy applications

This document specifies methods for the measurement of energy content and main elements balances of algae from cultivation or from wild growth and algae products to provide biomass, intended for renewable algal raw material used as bioenergy and in bio-based products. This document also specifies carbon source parameters specific to algae as bio-based and it is applicable to studies covering algae production life cycle assessment (LCA) e.g. algal biomass farming or wild collection. This document does not apply to methods of algae and algae products sampling, harvesting and pre/postprocessing. This document does not apply to algae and algae products intended for the food and feed sector.

Keel: en
Alusdokumendid: EN 17983:2024

EVS-EN ISO 13506-1:2024

Protective clothing against heat and flame - Part 1: Test method for complete garments - Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2024)

This document specifies the overall requirements, equipment and calculation methods to provide results that can be used for evaluating the performance of complete garments or protective clothing ensembles exposed to short duration flame engulfment. This test method establishes a rating system to characterize the thermal protection provided by single-layer and multi-layer garments made of flame resistant materials. The rating is based on the measurement of heat transfer to a full-size manikin exposed to convective and radiant energy in a laboratory simulation of a fire with controlled heat flux, duration and flame distribution. The heat transfer data is summed over a prescribed time to give the total transferred energy. Transferred energy and thermal manikin protection factor (TMPF) assessment methods provide a means to quantify product performance. The exposure heat flux is limited to a nominal level of 84 kW/m2 and durations of 3 s to 20 s dependant on the risk assessment and expectations

from the thermal insulating capability of the garment. The results obtained apply only to the particular garments or ensembles, as tested, and for the specified conditions of each test, particularly with respect to the heat flux, duration and flame distribution. This test method covers visual evaluation, observation, inspection and documentation on the overall behaviour of the test specimen(s) before, during and after the exposure. The effects of body position and movement are not addressed in this test method. The heat flux measurements can also be used to calculate the predicted skin burn injury resulting from the exposure (see ISO 13506-2). This test method does not simulate high radiant exposures such as those found in arc flash exposures, some types of fire exposures where liquid or solid fuels are involved, nor exposure to nuclear explosions. NOTE This test method is complex and requires a high degree of technical expertise in both the test setup and operation. Even minor deviations from the instructions in this test method can lead to significantly different test results.

Keel: en
Alusdokumendid: ISO 13506-1:2024; EN ISO 13506-1:2024
Asendab dokumenti: EVS-EN ISO 13506-1:2017

EVS-EN ISO 13506-2:2024

Protective clothing against heat and flame - Part 2: Skin burn injury prediction - Calculation requirements and test cases (ISO 13506-2:2024)

This document provides technical details for calculating predicted burn injury to human skin when its surface is subject to a varying heat flux, such as may occur due to energy transmitted through and by a garment or protective clothing ensemble exposed to flames. A series of test cases are provided against which the burn injury prediction calculation method is verified. It also contains requirements for the in situ calibration of the thermal energy sensor — skin injury prediction system for the range of heat fluxes that occur under garments. The skin burn injury calculation methods as presented in this test method do not include terms for handling short wavelength radiation that may penetrate the skin. The latter include arc flashes, some types of fire exposures with liquid or solid fuels, and nuclear sources.

Keel: en
Alusdokumendid: ISO 13506-2:2024; EN ISO 13506-2:2024

EVS-EN ISO 17099:2024

Radiological protection - Performance criteria for laboratories using the cytokinesis-block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry (ISO 17099:2024)

This document gives guidance on a) confidentiality of personal information for the customer and the laboratory, b) laboratory safety requirements, c) calibration sources and calibration dose ranges useful for establishing the reference dose-response curves that contribute to the dose estimation from CBMN assay yields and the detection limit, d) performance of blood collection, culturing, harvesting, and sample preparation for CBMN assay scoring, e) scoring criteria, f) conversion of micronucleus frequency in BNCs into an estimate of absorbed dose, g) reporting of results, h) quality assurance and quality control, and i) informative annexes containing sample instructions for customers, sample questionnaire, a microscope scoring data sheet, and a sample report. This document excludes methods for automated scoring of CBMN.

Keel: en
Alusdokumendid: ISO 17099:2024; EN ISO 17099:2024
Asendab dokumenti: EVS-EN ISO 17099:2017

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 61340-5-1:2024

Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

IEC 61340-5-1:2024 applies to organizations that: manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies and equipment with withstand voltages greater than or equal to 100 V human body model (HBM) and 200 V charge device model (CDM). Also, protection from isolated conductors is addressed by limiting the voltage on isolated conductors to less than 35 V. ESDS with lower withstand voltages can require additional control elements or adjusted limits. Processes designed to handle items that have lower ESD withstand voltage(s) can still claim compliance to this document. This document provides the requirements for an ESD control program. IEC TR 61340-5-2 provides guidance on the implementation of this document. This document does not apply to electrically initiated explosive devices, flammable liquids, gases, and powders. The purpose of this document is to provide the administrative and technical requirements for establishing, implementing, and maintaining an ESD control program (hereinafter referred to as the “program”). This edition includes the following significant technical changes with respect to the previous edition: a) definitions have been added to the document; b) updates to product qualification requirements; c) subclause 5.3.3 now includes a reference to groundable static control garment systems; d) Table 2 was replaced; e) subclause 5.3.4.2 was updated to define what an insulator is; f) subclause 5.3.4.3 was updated to include a definition for isolated conductor; g) Table 3 was updated, technical items added, including a reference to IEC 61340-5-4 for compliance verification testing; h) Table 4 was added as a summary of the requirements in IEC 61340-5-3 and to include requirements for compliance verification of packaging; i) Annex A was replaced: the former Annex is no longer required. Annex A are examples of tailoring.

Keel: en
Alusdokumendid: IEC 61340-5-1:2024; EN IEC 61340-5-1:2024
Asendab dokumenti: EVS-EN 61340-5-1:2016

EVS-EN IEC 61788-23:2024

Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

IEC 61788-23:2024 addresses a test method for the determination of the residual resistance ratio (RRR), rRRR, of cavity-grade niobium. This method is intended for high-purity niobium grades with 150 < rRRR < 600. The test method is valid for specimens with rectangular or round cross-section, cross-sectional area greater than 1 mm2 but less than 20 mm2, and a length not less than 10 nor more than 25 times the width or diameter.

Keel: en
Alusdokumendid: IEC 61788-23:2024; EN IEC 61788-23:2024
Asendab dokumenti: EVS-EN IEC 61788-23:2021

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN ISO 4766:2024

Fasteners - Slotted set screws with flat point (ISO 4766:2024)

This document specifies the characteristics of slotted set screws with flat point, in steel and stainless steel, with metric coarse pitch threads M1,2 to M12, and with product grade A. If in certain cases other specifications are requested, hardness classes and stainless steel grades can be selected from ISO 898-5 or ISO 3506-3, and dimensional options from ISO 888, ISO 965-1 or ISO 4753.

Keel: en
Alusdokumendid: ISO 4766:2024; EN ISO 4766:2024
Asendab dokumenti: EVS-EN ISO 4766:2011

EVS-EN ISO 7434:2024

Fasteners - Slotted set screws with cone point (ISO 7434:2024)

This document specifies the characteristics of slotted set screws with cone point, in steel and stainless steel, with metric coarse pitch threads M1,2 to M12, and with product grade A. If in certain cases other specifications are requested, hardness classes and stainless steel grades can be selected from ISO 898-5 or ISO 3506-3, and dimensional options from ISO 888, ISO 965-1 or ISO 4753.

Keel: en
Alusdokumendid: ISO 7434:2024; EN ISO 7434:2024
Asendab dokumenti: EVS-EN 27434:1999

EVS-EN ISO 7435:2024

Fasteners - Slotted set screws with dog point (ISO 7435:2024)

This document specifies the characteristics of slotted set screws with long dog point for regular standard lengths and with short dog point for short standard lengths, in steel and stainless steel, with metric coarse pitch threads M1,6 to M12 and with product grade A. If in certain cases other specifications are requested, hardness classes and stainless steel grades can be selected from ISO 898-5 or ISO 3506-3, and dimensional options from ISO 888, ISO 965-1 or ISO 4753.

Keel: en
Alusdokumendid: ISO 7435:2024; EN ISO 7435:2024
Asendab dokumenti: EVS-EN 27435:1999

EVS-EN ISO 7436:2024

Fasteners - Slotted set screws with cup point (ISO 7436:2024)

This document specifies the characteristics of slotted set screws with cup point, in steel and stainless steel, with metric coarse pitch threads M1,6 to M12 and with product grade A. If in certain cases other specifications are requested, hardness classes and stainless steel grades can be selected from ISO 898-5, or ISO 3506-3, and dimensional options from ISO 888, ISO 965-1 or ISO 4753.

Keel: en
Alusdokumendid: ISO 7436:2024; EN ISO 7436:2024
Asendab dokumenti: EVS-EN 27436:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 17970:2024

Ductile iron pipes - Push-in joints for ductile iron pipe systems - Resistance against root penetration - Requirements and test methods

This document is applicable to diffusion-tight pipes, accessories and fittings in ductile cast iron to EN 598 and to cast iron pipe systems. The document gives requirements on the contact pressure based on a risk assessment and gives a test method that simulates the penetration of a root tip into the sealing gap.

Keel: en
Alusdokumendid: EN 17970:2024

EVS-EN ISO 4080:2024

Rubber and plastics hoses and tubing, and their assemblies - Determination of permeability to gas (ISO 4080:2024)

This document specifies three methods to determine the permeability to gas by measuring the volume of gas diffusing through a rubber or plastics hose or length of tubing used for gas applications in a specified time. — Method 1 is for determining the permeability of the complete hose wall or length of tubing wall, excluding end fittings, to the test gas. — Method 2 is for determining the permeability at the hose and fitting interface to the test gas. — Method 3 is for precisely determining the permeability of the complete hose or length of tubing, including end fittings.

Keel: en
Alusdokumendid: ISO 4080:2024; EN ISO 4080:2024
Asendab dokumenti: EVS-EN ISO 4080:2010

25 TOOTMISTEHNOLOOGIA

EVS-EN 14717:2024

Keevitamine ja külgnevad protsessid. Keskkonna kontroll-nimekiri
Welding and allied processes - Environmental check list

This document provides check lists for the assessment of the environmental aspects of welding fabrication of metallic materials including site and repair work. Informative annexes indicate recommended actions for avoiding and reducing the possible environmental impacts outside the workshop.

Keel: en
Alusdokumendid: EN 14717:2024
Asendab dokumenti: EVS-EN 14717:2005

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 12953-3:2016/AC:2024

Trummelkatlad. Osa 3: Survedetailide kavandamine ja arvutamine
Shell boilers - Part 3: Design and calculation for pressure parts

This Part of this European Standard specifies requirements for the design and calculation of pressure parts of shell boilers as defined in EN 12953 1. NOTE For other components such as economisers, superheaters, tube walls, headers, reference should be made to EN 12952 series.

Keel: en
Alusdokumendid: EN 12953-3:2016/AC:2024
Parandab dokumenti: EVS-EN 12953-3:2016

29 ELEKTROTEHNIKA

EVS-EN IEC 60317-12:2020/A1:2024

Specifications for particular types of winding wires - Part 12: Polyvinyl acetal enamelled round copper wire, class 120

Amendment to EN IEC 60317-12:2020

Keel: en
Alusdokumendid: IEC 60317-12:2020/AMD1:2024; EN IEC 60317-12:2020/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-12:2020

EVS-EN IEC 60317-27-2:2020/A1:2024

Specifications for particular types of winding wires - Part 27-2: Paper tape covered round aluminium wire

Amendment to EN IEC 60317-27-2:2020

Keel: en
Alusdokumendid: IEC 60317-27-2:2020/AMD1:2024; EN IEC 60317-27-2:2020/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-27-2:2020

EVS-EN IEC 60598-2-20:2024

Valgustid. Osa 2-20: Erinõuded. Valgusketid
Luminaires - Part 2-20: Particular requirements - Lighting chains

IEC 60598-2-20:2022 specifies requirements for lighting chains fitted with series, parallel or a combination of series/parallel connected light sources for use either indoors or outdoors on supply voltages not exceeding 250 V. This fifth edition cancels and replaces the fourth edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: - specific provisions for temporarily installed protected lighting (TPL) chains have been added; - new terms and definitions have been added.

Keel: en
Alusdokumendid: IEC 60598-2-20:2022; EN IEC 60598-2-20:2024
Asendab dokumenti: EVS-EN 60598-2-20:2015
Asendab dokumenti: EVS-EN 60598-2-20:2015/AC:2017

EVS-EN IEC 60598-2-20:2024/A11:2024

Valgustid. Osa 2-20: Erinõuded. Valgusketid
Luminaires - Part 2-20: Particular requirements - Lighting chains

Amendment to EN IEC 60598-2-20:2024

Keel: en
Alusdokumendid: EN IEC 60598-2-20:2024/A11:2024
Muudab dokumenti: EVS-EN IEC 60598-2-20:2024

EVS-EN IEC 61340-5-1:2024

Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

IEC 61340-5-1:2024 applies to organizations that: manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies and equipment with withstand voltages greater than or equal to 100 V human body model (HBM) and 200 V charge device model (CDM). Also, protection from isolated conductors is addressed by limiting the voltage on isolated conductors to less than 35 V. ESDS with lower withstand voltages can require additional control elements or adjusted limits. Processes designed to handle items that have lower ESD withstand voltage(s) can still claim compliance to this document. This document provides the requirements for an ESD control program. IEC TR 61340-5-2 provides guidance on the implementation of this document. This document does not apply to electrically initiated explosive devices, flammable liquids, gases, and powders. The purpose of this document is to provide the administrative and technical requirements for establishing, implementing, and maintaining an ESD control program (hereinafter referred to as the “program”). This edition includes the following significant technical changes with respect to the previous edition: a) definitions have been added to the document; b) updates to product qualification requirements; c) subclause 5.3.3 now includes a reference to groundable static control garment systems; d) Table 2 was replaced; e) subclause 5.3.4.2 was updated to define what an insulator is; f) subclause 5.3.4.3 was updated to include a definition for isolated conductor; g) Table 3 was updated, technical items added, including a reference to IEC 61340-5-4 for compliance verification testing; h) Table 4 was added as a summary of the requirements in IEC 61340-5-3 and to include requirements for compliance verification of packaging; i) Annex A was replaced: the former Annex is no longer required. Annex A are examples of tailoring.

Keel: en
Alusdokumendid: IEC 61340-5-1:2024; EN IEC 61340-5-1:2024
Asendab dokumenti: EVS-EN 61340-5-1:2016

EVS-EN IEC 61347-2-1:2024

Controlgear for electric light sources - Safety - Part 2-1: Particular requirements for starting devices (other than glow starters)

This document specifies safety requirements for starting devices (starters other than glow starters and ignitors) for fluorescent and other discharge lamps for use on AC supplies up to 1 000 V at 50 Hz or 60 Hz which produce starting pulses not greater than 100 kV and which are used in combination with lamps and controlgear covered in IEC 60081, IEC 60188, IEC 60192, IEC 60662, IEC 60901, IEC 61167, IEC 61195, IEC 61199, IEC 61347-2-8 and IEC 61347-2-9. This document does not apply to glow starters or starting devices which are incorporated in discharge lamps or which are manually operated. NOTE 1 Glow starters are dealt with in IEC 60155. NOTE 2 Performance requirements are given in IEC 60927.

Keel: en
Alusdokumendid: IEC 61347-2-1:2024; EN IEC 61347-2-1:2024
Asendab dokumenti: EVS-EN 61347-2-1:2002
Asendab dokumenti: EVS-EN 61347-2-1:2002/A1:2006
Asendab dokumenti: EVS-EN 61347-2-1:2002/A1:2006/AC:2006

Asendab dokumenti: EVS-EN 61347-2-1:2002/A2:2014
Asendab dokumenti: EVS-EN 61347-2-1:2002/AC:2011

EVS-EN IEC 61788-23:2024

Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

IEC 61788-23:2024 addresses a test method for the determination of the residual resistance ratio (RRR), rRRR, of cavity-grade niobium. This method is intended for high-purity niobium grades with 150 < rRRR < 600. The test method is valid for specimens with rectangular or round cross-section, cross-sectional area greater than 1 mm2 but less than 20 mm2, and a length not less than 10 nor more than 25 times the width or diameter.

Keel: en
Alusdokumendid: IEC 61788-23:2024; EN IEC 61788-23:2024
Asendab dokumenti: EVS-EN IEC 61788-23:2021

EVS-EN IEC 62896:2024

Hybrid insulators for AC and DC for high-voltage applications greater than 1 000 V AC and 1 500 V DC - Definitions, test methods and acceptance criteria

IEC 62896:2024 applies to hybrid insulators for AC and DC applications greater than 1 000 V AC and 1 500 V DC consisting of a load-bearing insulating solid or hollow core consisting of ceramic or glass, a housing (defined geometry, outside the insulating core) made of polymeric material and end fittings permanently attached to the insulating core. Hybrid insulators covered by this document are intended for use as suspension/tension long rod and cap and pin type insulators, line post insulators, station post insulators and hollow core insulators for apparatus. The object of this document is to: - define the terms used; - prescribe test methods; - prescribe acceptance criteria This document does not include requirements dealing with the choice of insulators for specific operating conditions. This first edition cancels and replaces the IEC TS 62896 published in 2015. This edition includes the following significant technical changes with respect to the previous edition: - modifications of terms and definitions; - modifications of tests procedures included in IEC TR 62039 and IEC 62217 (Hydrophobicity transfer test); - harmonization of Table 1 (Tests to be carried out after design and type changes) with other product standards and IEC 62217.

Keel: en
Alusdokumendid: IEC 62896:2024; EN IEC 62896:2024

33 SIDETEHNIKA

EVS-EN IEC 60794-1-201:2024

Optical fibre cables - Part 1-201: Generic specification - Basic optical cable test procedures - Environmental test methods - Temperature cycling, method F1

IEC 60794-1-201: 2024 defines test procedures to be used in establishing uniform requirements for the environmental performance of: - optical fibre cables for use with telecommunication equipment and devices employing similar techniques; and - cables having a combination of both optical fibres and electrical conductors. Throughout this document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This document defines a test standard to determine the ability of a cable to withstand the effects of temperature cycling by observing changes in attenuation. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions. This document partially replaces IEC 60794-1-22:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017: a) all references to the temperature sensing device have been removed and replaced with a note "for further study"; b) the conditioning procedure has been separated into Procedure 1 and Procedure 2 to avoid confusion; c) the ambient temperature test condition has been defined as per IEC 60794-1-2; d) the minimum soak time has been decreased for sample mass >16 kg in Table 1.

Keel: en
Alusdokumendid: IEC 60794-1-201:2024; EN IEC 60794-1-201:2024

EVS-EN IEC 60794-1-209:2024

Optical fibre cables - Part 1-209: Generic specification - Basic optical cable test procedures - Environmental test methods - Ageing, Method F9

IEC 60794-1-209:2024 defines test procedures to be used in establishing uniform requirements for the environmental performance of: - optical fibre cables for use with telecommunication equipment and devices employing similar techniques; and - cables having a combination of both optical fibres and electrical conductors. Throughout this document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc. This document defines a test standard to determine cable aging performance by high temperature exposure and temperature cycling in order to simulate lifetime behaviour of the attenuation of cables, or physical attributes. See IEC 60794-1-2 for a reference guide to test methods of all types and for general requirements and definitions. This document partially cancels and replaces IEC 60794-1-22:2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017: a) the ambient temperature test condition has been defined as per IEC 60794-1-2; b) all the maximum allowable attenuation increase values for single-mode and multimode fibres have been deleted, and have been included in the list of details to be specified.

Keel: en
Alusdokumendid: IEC 60794-1-209:2024; EN IEC 60794-1-209:2024

EVS-EN IEC 61300-2-34:2024

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids

IEC 61300-2-34:2024 is for testing the resistance to solvents and contaminating fluids on fibre optic interconnecting devices, passive components and protective housings, and their functionality.

Keel: en
Alusdokumendid: IEC 61300-2-34:2024; EN IEC 61300-2-34:2024
Asendab dokumenti: EVS-EN 61300-2-34:2009

EVS-EN IEC 61754-13:2024

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC connector family

IEC 61754-13:2024 defines the standard interface dimensions for the type FC-PC family of connectors. This third edition cancels and replaces the second edition published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) revising normative reference reflecting the latest documents; b) addition of intermateability in 5.2; c) changes of dimensions of the plug connector interface in Table 2 and Table 3; d) addition of Grade Am, Bm and Cm in Table 3.

Keel: en
Alusdokumendid: IEC 61754-13:2024; EN IEC 61754-13:2024
Asendab dokumenti: EVS-EN 61754-13:2006

35 INFOTEHNOLOOGIA

CWA 18125:2024

Trusted Data Transaction

The scope of this document is to provide terminology, concepts and mechanisms in the field of data exchange focusing on trusted data transactions. Those elements can be used in the development of standards in support of trusted data transactions among diverse, interested parties or stakeholders, with the goal of identifying attribute-based criteria for the decision-making grid that baseline how to create trust in data transactions. Therefore, those elements may constitute a foundational understanding on which trusted data transactions can be based, independently of any architectural choices or technical implementation.

Keel: en
Alusdokumendid: CWA 18125:2024

CWA 50748:2024

Protocol for CBRN sensor connectivity

This document defines requirements for an open global system, that accepts any kind of detection subsystems. It will include sensor connection, data transmission, data management and compatibility requirements. ISO/IEC/IECEE 21451-2:2010 applies to the connection and communication between smart transducer interfaces and a network capable of application processor, but it does not cover the communication via I²C. This CWA is specially developed for the communication via I²C. This CWA lays the foundations: - for the hardware-specific requirements for connecting CBRN sensors to a specially developed central communication unit, and - for the digital communication flow between the sensors and this unit. The intended users of this document are designers, manufacturers, integrators, and service providers from private and public companies.

Keel: en
Alusdokumendid: CWA 50748:2024

EVS-EN ISO 7817-1:2024

Building Information Modelling - Level of Information Need - Part 1 Concepts and principles (ISO 7817-1:2024)

This document specifies concepts and principles to establish a methodology for specifying level of information need and information deliveries in a consistent way when using building information modelling (BIM). This document specifies the characteristics of different levels used for defining the detail and extent of information required to be exchanged and delivered throughout the life cycle of built assets. It gives guidelines for principles required to specify information needs. The concepts and principles in this document can be applied for a general information exchange and while in progress, for a generally agreed way of information exchange between parties in a collaborative work process, as well as for an appointment with specified information delivery. This document is applicable to the whole life cycle of any built asset, including strategic planning, initial design, engineering, development, documentation and construction, day-to-day operation, maintenance, refurbishment, repair and end-of-life.

Keel: en
Alusdokumendid: ISO 7817-1:2024; EN ISO 7817-1:2024
Asendab dokumenti: EVS-EN 17412-1:2020

45 RAUDTEETEHNIKA

EVS-EN 50463-5:2017/A1:2024

Raudteealased rakendused. Energiamõõtmised rongides. Osa 5: Vastavushindamine
Railway applications - Energy measurement on board trains - Part 5: Conformity assessment

Amendmenr to EN 50463-5:2017

Keel: en
Alusdokumendid: EN 50463-5:2017/A1:2024
Muudab dokumenti: EVS-EN 50463-5:2017

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-1:2024

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 1: Reisijate trepid
Aircraft ground support equipment - Specific requirements - Part 1: Passenger stairs

This document specifies the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, the operation and the maintenance of passenger stairs when used as intended, including misuse reasonably foreseeable by the manufacturer, when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and ground handling agencies. This document applies to: a) self-propelled passenger stairs with seated or standing driver with top speed above 6 km/h (Category A); b) towable passenger stairs, with self-propelled function at docking with top speed up to 6 km/h with drive controls from ground, remote control or standing driver position (Category B); c) towable stairs, with manual positioning, equipped with powered means, e.g. for height adjustment, stabilizers (Category C); d) automatic levelling systems of stairs for embarking/disembarking of passengers. This document does not apply to stairs to be moved on public roadways. "Powered" is also understood as manual effort stored in springs or hydraulic accumulators, etc., the dangerous action of which can be produced or can continue after the manual effort has ceased or directly applied manual effort for lifting or lowering loads. Those clauses of this document that can apply can also be used as a guideline for the design of towable stairs without powered means. This document does not establish additional requirements for the following: e) persons falling out of an aircraft with the passenger stairs not in position; f) hazards resulting from a moving stairway (escalator); g) aircraft upper deck door access. No extra requirements on noise and vibration are provided other than those in EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009. NOTE EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009 provide the general GSE vibration and noise requirements. This document is not applicable to passenger stairs which are manufactured before the date of its publication. This part of EN 12312, when used in conjunction with EN 1915-1:2023, EN 1915-2:2001+A1:2009, EN 1915-3:2004+A1:2009 and EN 1915-4:2004+A1:2009, provides the requirements for passenger stairs.

Keel: en
Alusdokumendid: EN 12312-1:2024
Asendab dokumenti: EVS-EN 12312-1:2013

EVS-EN 4827:2024

Aerospace series - Hexavalent chromium free anodizing of aluminium and aluminium alloys

This document specifies the requirements for hexavalent chromium free anodizing of aluminium and aluminium alloys for corrosion protection, bonding and painting. This document does not apply to hard anodizing and plasma electrolytic anodizing (micro-arc oxidation). The purpose of this document is to give design, quality and manufacturing requirements. It does not give complete in-house process instructions; these are given in the processor's detailed process instructions.

Keel: en
Alusdokumendid: EN 4827:2024
Asendab dokumenti: EVS-EN 4827:2019

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13426-2:2024

Geotextiles and geotextile-related products - Strength of internal structural junctions - Part 2: Geocomposites (ISO 13426-2:2024)

This document describes index tests for determining the strength of the internal structural junctions under different loading conditions of all geocomposites and of clay geosynthetic barriers.

Keel: en
Alusdokumendid: ISO 13426-2:2024; EN ISO 13426-2:2024
Asendab dokumenti: EVS-EN ISO 13426-2:2005

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

CEN ISO/TS 19392-5:2024

Paints and varnishes - Coating systems for wind-turbine rotor blades - Part 5: Measurement of transmittance properties of UV protective coatings (ISO/TS 19392-5:2023)

This document specifies a test method to measure the ultraviolet (UV) and visible (VIS) spectral transmittance in the wavelength range from 280 nm to 700 nm of coatings for wind turbine rotor blades. Single and multilayer coatings or coating systems can be tested. From the spectral transmittance the transmittance of UV, VIS and the combined UV and VIS wavelength range can be calculated. It is applicable to free coatings films or coatings applied on a UV-transparent quartz substrate.

Keel: en
Alusdokumendid: ISO/TS 19392-5:2023; CEN ISO/TS 19392-5:2024

CEN ISO/TS 19392-6:2024

Paints and varnishes - Coating systems for wind-turbine rotor blades - Part 6: Determination and evaluation of ice adhesion using centrifuge (ISO/TS 19392-6:2023)

This document describes a method to measure ice adhesion from artificial ice on test substrates by using a centrifuge. Basic ice types are defined and test parameters for the ice removal are described to achieve reproducibility of test results for ice adhesion measurements for rotor blade coatings. This document does not intend to provide fixed test parameter to account for the diversity of relevant icing scenarios in this field of application.

Keel: en
Alusdokumendid: ISO/TS 19392-6:2023; CEN ISO/TS 19392-6:2024

EVS-EN ISO 11890-2:2020/A1:2024

Paints and varnishes - Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content - Part 2: Gas-chromatographic method - Amendment 1 (ISO 11890-2:2020/Amd 1:2024)

Amendment to EN ISO 11890-2:2020

Keel: en
Alusdokumendid: ISO 11890-2:2020/Amd 1:2024; EN ISO 11890-2:2020/A1:2024
Muudab dokumenti: EVS-EN ISO 11890-2:2020

91 EHITUSMATERJALID JA EHITUS

EVS-EN ISO 7817-1:2024

Building Information Modelling - Level of Information Need - Part 1 Concepts and principles (ISO 7817-1:2024)

This document specifies concepts and principles to establish a methodology for specifying level of information need and information deliveries in a consistent way when using building information modelling (BIM). This document specifies the characteristics of different levels used for defining the detail and extent of information required to be exchanged and delivered throughout the life cycle of built assets. It gives guidelines for principles required to specify information needs. The concepts and principles in this document can be applied for a general information exchange and while in progress, for a generally agreed way of information exchange between parties in a collaborative work process, as well as for an appointment with specified information delivery. This document is applicable to the whole life cycle of any built asset, including strategic planning, initial design, engineering, development, documentation and construction, day-to-day operation, maintenance, refurbishment, repair and end-of-life.

Keel: en
Alusdokumendid: ISO 7817-1:2024; EN ISO 7817-1:2024
Asendab dokumenti: EVS-EN 17412-1:2020

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

11 TERVISEHOOLDUS

EVS-EN 556-1:2002

Meditsiiniseadmete steriliseerimine. Nõuded meditsiiniseadmetele, mis on märgistatud sõnaga "STERIILNE". Osa 1: Nõuded lõplikult steriliseeritud meditsiiniseadmetele
Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 1: Requirements for terminally sterilized medical devices.

Keel: en
Alusdokumendid: EN 556-1:2001; EN 556-1:2001/AC:2006
Asendatud järgmise dokumendiga: EVS-EN 556-1:2024
Parandatud järgmise dokumendiga: EVS-EN 556-1:2002/AC:2013
Standardi staatus: Kehtetu

EVS-EN 60522:2002

Röntgenitorukoostete püsifiltratsiooni kindlaksmääramine
Determination of the permanent filtration of X-ray tube assemblies

Keel: en
Alusdokumendid: IEC 60522:1999; EN 60522:1999
Asendatud järgmise dokumendiga: EVS-EN IEC 60522-1:2021
Standardi staatus: Kehtetu

EVS-EN ISO 18113-1:2011

In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etikettimine). Osa 1: Terminid, määratlused ja üldnõuded
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 1: Terms, definitions and general requirements (ISO 18113-1:2009)

Keel: en, et
Alusdokumendid: ISO 18113-1:2009; EN ISO 18113-1:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 18113-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18113-4:2011

In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etikettimine). Osa 4: In vitro diagnostika reagendid enesetestimiseks
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 4: In vitro diagnostic reagents for self-testing (ISO 18113-4:2009)

Keel: en, et
Alusdokumendid: ISO 18113-4:2009; EN ISO 18113-4:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 18113-4:2024
Standardi staatus: Kehtetu

EVS-EN ISO 18113-5:2011

In vitro diagnostika meditsiiniseadmed. Tootja poolt antav teave (etikettimine). Osa 5: In vitro diagnostika instrumendid enesetestimiseks
In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 5: In vitro diagnostic instruments for self-testing (ISO 18113-5:2009)

Keel: en, et
Alusdokumendid: ISO 18113-5:2009; EN ISO 18113-5:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 18113-5:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TS 16976:2016

Ambient air - Determination of the particle number concentration of atmospheric aerosol

Keel: en
Alusdokumendid: CEN/TS 16976:2016
Asendatud järgmise dokumendiga: EVS-EN 16976:2024
Standardi staatus: Kehtetu

EVS-EN 14717:2005
Welding and allied processes - Environmental check list

Keel: en
Alusdokumendid: EN 14717:2005
Asendatud järgmise dokumendiga: EVS-EN 14717:2024
Standardi staatus: Kehtetu

EVS-EN ISO 13506-1:2017
Protective clothing against heat and flame - Part 1: Test method for complete garments - Measurement of transferred energy using an instrumented manikin (ISO 13506-1:2017)

Keel: en
Alusdokumendid: ISO 13506-1:2017; EN ISO 13506-1:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 13506-1:2024
Standardi staatus: Kehtetu

EVS-EN ISO 17099:2017
Radiological protection - Performance criteria for laboratories using the cytokinesis block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry (ISO 17099:2014)

Keel: en
Alusdokumendid: ISO 17099:2014; EN ISO 17099:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 17099:2024
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 61340-5-1:2016
Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

Keel: en
Alusdokumendid: IEC 61340-5-1:2016; EN 61340-5-1:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 61340-5-1:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61788-23:2021
Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

Keel: en
Alusdokumendid: IEC 61788-23:2021; EN IEC 61788-23:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 61788-23:2024
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 27434:1999
Soone ja koonusotsakuga seadekruvid
Slotted set screws with cone point

Keel: en
Alusdokumendid: ISO 7434:1983; EN 27434:1992
Asendatud järgmise dokumendiga: EVS-EN ISO 7434:2024
Standardi staatus: Kehtetu

EVS-EN 27435:1999
Soone ja pika silinderotsakuga seadekruvid
Slotted set screws with long dog point

Keel: en
Alusdokumendid: ISO 7435:1983; EN 27435:1992
Asendatud järgmise dokumendiga: EVS-EN ISO 7435:2024
Standardi staatus: Kehtetu

EVS-EN 27436:1999
Soone ja nõgusotsakuga seadekruvid
Slotted set screws with cup point

Keel: en
Alusdokumendid: ISO 7436:1983; EN 27436:1992
Asendatud järgmise dokumendiga: EVS-EN ISO 7436:2024
Standardi staatus: Kehtetu

EVS-EN ISO 4766:2011
Soone ja lameotsakuga seadekruvi (ISO 4766:2011)
Slotted set screws with flat point (ISO 4766:2011)

Keel: en
Alusdokumendid: ISO 4766:2011; EN ISO 4766:2011
Asendatud järgmise dokumendiga: EVS-EN ISO 4766:2024
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 4080:2010
Kummi- ja plastvoolikud ning voolikukomplektid - Gaasi läbitungimisvõime määramine
Rubber and plastics hoses and hose assemblies - Determination of permeability to gas

Keel: en
Alusdokumendid: ISO 4080:2009; EN ISO 4080:2009
Asendatud järgmise dokumendiga: EVS-EN ISO 4080:2024
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 14717:2005
Welding and allied processes - Environmental check list

Keel: en
Alusdokumendid: EN 14717:2005
Asendatud järgmise dokumendiga: EVS-EN 14717:2024
Standardi staatus: Kehtetu

EVS-EN 60745-2-15:2009
Käeshoitavad mootoriga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekilõikuritele
Hand-held motor-operated electric tools - Safety -- Part 2-15: Particular requirements for hedge trimmers

Keel: en
Alusdokumendid: IEC 60745-2-15:2006; EN 60745-2-15:2009
Asendatud järgmise dokumendiga: EVS-EN 62841-4-2:2019
Muudetud järgmise dokumendiga: EVS-EN 60745-2-15:2009/A1:2010
Standardi staatus: Kehtetu

EVS-EN 60745-2-15:2009/A1:2010
Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekitrimmeritele
Hand-held motor-operated electric tools - Safety Part 2-15: Particular requirements for hedge trimmers

Keel: en
Alusdokumendid: IEC 60745-2-15:2006/A1:2009; EN 60745-2-15:2009/A1:2010
Asendatud järgmise dokumendiga: EVS-EN 62841-4-2:2019
Standardi staatus: Kehtetu

EVS-EN 61029-2-12:2011
Teisaldatavate elektrimootortööpinkide ohutus. Osa 2-12: Erinõuded keermelõikamispinkidele
Safety of transportable motor-operated electric tools -- Part 2-12: Particular requirements for threading machines

Keel: en
Alusdokumendid: IEC 61029-2-12:2010; EN 61029-2-12:2011
Asendatud järgmise dokumendiga: EVS-EN 62841-3-12:2019
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN 60401-2:2010
Terms and nomenclature for cores made of magnetically soft ferrites - Part 2: Reference of dimensions

Keel: en
Alusdokumendid: IEC 60401-2:2009; EN 60401-2:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 60401-1:2020
Standardi staatus: Kehtetu

EVS-EN 60598-2-20:2015
Valgustid. Osa 2-20: Erinõuded. Valgusketid
Luminaires - Part 2-20: Particular requirements - Lighting chains

Keel: en
Alusdokumendid: EN 60598-2-20:2015; IEC 60598-2-20:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-20:2024
Parandatud järgmise dokumendiga: EVS-EN 60598-2-20:2015/AC:2017
Standardi staatus: Kehtetu

EVS-EN 60598-2-20:2015/AC:2017
Valgustid. Osa 2-20: Erinõuded. Valgusketid
Luminaires - Part 2-20: Particular requirements - Lighting chains

Keel: en
Alusdokumendid: IEC 60598-2-20:2014/COR1:2016; EN 60598-2-20:2015/AC:2017-01
Asendatud järgmise dokumendiga: EVS-EN IEC 60598-2-20:2024
Standardi staatus: Kehtetu

EVS-EN 61340-5-1:2016
Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements

Keel: en
Alusdokumendid: IEC 61340-5-1:2016; EN 61340-5-1:2016
Asendatud järgmise dokumendiga: EVS-EN IEC 61340-5-1:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-1:2002
Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)
Lamp controlgear - Part 2-1: Particular requirements for starting devices (other than glow starters)

Keel: en
Alusdokumendid: IEC 61347-2-1:2000; EN 61347-2-1:2001
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-1:2024
Muudetud järgmise dokumendiga: EVS-EN 61347-2-1:2002/A1:2006
Muudetud järgmise dokumendiga: EVS-EN 61347-2-1:2002/A2:2014
Parandatud järgmise dokumendiga: EVS-EN 61347-2-1:2002/AC:2011
Standardi staatus: Kehtetu

EVS-EN 61347-2-1:2002/A1:2006
Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)
Lamp controlgear Part 2-1: Particular requirements for starting devices (other than glow starters)

Keel: en
Alusdokumendid: IEC 61347-2-1:2000/A1:2005; EN 61347-2-1:2001/A1:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-1:2024
Parandatud järgmise dokumendiga: EVS-EN 61347-2-1:2002/A1:2006/AC:2006
Standardi staatus: Kehtetu

EVS-EN 61347-2-1:2002/A1:2006/AC:2006
Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)
amp controlgear -- Part 2-1: Particular requirements for starting devices (other than glow starters)

Keel: en
Alusdokumendid: EN 61347-2-1:2001/A1:2006/Corr:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-1:2024

Muudetud järgmise dokumendiga: EVS-EN 61347-2-1:2002/A1:2006
Standardi staatus: Kehtetu

EVS-EN 61347-2-1:2002/A2:2014

**Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)
Lamp controlgear -- Part 2-1: Particular requirements for starting devices (other than glow starters)**

Keel: en
Alusdokumendid: IEC 61347-2-1:2000/A2:2013; EN 61347-2-1:2001/A2:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-1:2024
Standardi staatus: Kehtetu

EVS-EN 61347-2-1:2002/AC:2011

**Lampide juhtimisseadised. Osa 2-1: Erinõuded käivitusseadmetele (peale hõõgstarterite)
Lamp controlgear - Part 2-1: Particular requirements for starting devices (other than glow starters)**

Keel: en
Alusdokumendid: EN 61347-2-1:2001/Corr:2010
Asendatud järgmise dokumendiga: EVS-EN IEC 61347-2-1:2024
Standardi staatus: Kehtetu

EVS-EN IEC 61788-23:2021

Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors

Keel: en
Alusdokumendid: IEC 61788-23:2021; EN IEC 61788-23:2021
Asendatud järgmise dokumendiga: EVS-EN IEC 61788-23:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61300-2-34:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids of interconnecting components and closures

Keel: en
Alusdokumendid: IEC 61300-2-34:2009; EN 61300-2-34:2009
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-2-34:2024
Standardi staatus: Kehtetu

EVS-EN 61300-3-24:2007

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-24: Measurements - Keying accuracy of optical connectors for polarisation maintaining fibre

Keel: en
Alusdokumendid: IEC 61300-3-24:2006; EN 61300-3-24:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-3-55:2020
Standardi staatus: Kehtetu

EVS-EN 61300-3-40:2002

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-40: Examinations and measurements - Extinction ratio of a polarization maintaning (pm) fibre pigtailed connector

Keel: en
Alusdokumendid: IEC 61300-3-40:1998; EN 61300-3-40:1998
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-3-55:2020
Standardi staatus: Kehtetu

EVS-EN 61754-13:2006

Fibre optic connector interfaces Part 13: Type FC-PC connector

Keel: en
Alusdokumendid: IEC 61754-13:2006; EN 61754-13:2006
Asendatud järgmise dokumendiga: EVS-EN IEC 61754-13:2024
Standardi staatus: Kehtetu

EVS-EN IEC 60794-1-23:2019

Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods

Keel: en
Alusdokumendid: IEC 60794-1-23:2019; EN IEC 60794-1-23:2019
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-301:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-303:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-305:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-306:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-308:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-309:2023
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-310:2022
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-311:2024
Osaliselt asendatud järgmise dokumendiga: EVS-EN IEC 60794-1-312:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN 17412-1:2020

Building Information Modelling - Level of Information Need - Part 1: Concepts and principles

Keel: en
Alusdokumendid: EN 17412-1:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 7817-1:2024
Standardi staatus: Kehtetu

EVS-ISO 12641:2007

Trükitehnoloogia. Digitaalne andmevahetus trükiettevalmistuses. Värvitabelid sisendskannerite kalibreerimiseks (ISO 12641:1997)
Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration (ISO 12641:1997)

Keel: en, et
Alusdokumendid: ISO 12641:1997
Standardi staatus: Kehtetu

37 VISUAALTEHNIKA

EVS-ISO 12641:2007

Trükitehnoloogia. Digitaalne andmevahetus trükiettevalmistuses. Värvitabelid sisendskannerite kalibreerimiseks (ISO 12641:1997)
Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration (ISO 12641:1997)

Keel: en, et
Alusdokumendid: ISO 12641:1997
Standardi staatus: Kehtetu

47 LAEVAEHITUS JA MERE-EHITISED

EVS-EN IEC 61162-460:2018

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security

Keel: en
Alusdokumendid: IEC 61162-460:2018; EN IEC 61162-460:2018
Muudetud järgmise dokumendiga: EVS-EN IEC 61162-460:2018/A1:2020
Standardi staatus: Kehtetu

EVS-EN IEC 61162-460:2018/A1:2020

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security

Keel: en
Alusdokumendid: IEC 61162-460:2018/A1:2020; EN IEC 61162-460:2018/A1:2020
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 12312-1:2013

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 1: Reisijate trepid
Aircraft ground support equipment - Specific requirements - Part 1: Passenger stairs

Keel: en
Alusdokumendid: EN 12312-1:2013
Asendatud järgmise dokumendiga: EVS-EN 12312-1:2024
Standardi staatus: Kehtetu

EVS-EN 4827:2019

Aerospace series - Hexavalent chromium free anodizing of aluminium and aluminium alloys

Keel: en
Alusdokumendid: EN 4827:2019
Asendatud järgmise dokumendiga: EVS-EN 4827:2024
Standardi staatus: Kehtetu

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 13426-2:2005

Geotextiles and geotextile-related products - Strength of internal structural junctions - Part 2: Geocomposites

Keel: en
Alusdokumendid: ISO 13426-2:2005; EN ISO 13426-2:2005
Asendatud järgmise dokumendiga: EVS-EN ISO 13426-2:2024
Standardi staatus: Kehtetu

65 PÕLLUMAJANDUS

EVS-EN 60745-2-15:2009

Käeshoitavad mootoriga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekilõikuritele
Hand-held motor-operated electric tools - Safety -- Part 2-15: Particular requirements for hedge trimmers

Keel: en
Alusdokumendid: IEC 60745-2-15:2006; EN 60745-2-15:2009
Asendatud järgmise dokumendiga: EVS-EN 62841-4-2:2019
Muudetud järgmise dokumendiga: EVS-EN 60745-2-15:2009/A1:2010
Standardi staatus: Kehtetu

EVS-EN 60745-2-15:2009/A1:2010

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekitrimmeritele
Hand-held motor-operated electric tools - Safety Part 2-15: Particular requirements for hedge trimmers

Keel: en
Alusdokumendid: IEC 60745-2-15:2006/A1:2009; EN 60745-2-15:2009/A1:2010
Asendatud järgmise dokumendiga: EVS-EN 62841-4-2:2019
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

Arvamusküsitlusele esitatakse Euroopa ja rahvusvahelised standardikavandid, mis on kavas üle võtta Eesti standarditeks, ja Eesti algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEVS-ISO 7001

Graafilised tingmärgid. Avalikkust teavitavad piltkirjad
Graphical symbols — Registered public information symbols (ISO 7001:2023, identical)

See rahvusvaheline standard määrab kindlaks graafilised sümbolid avalikkuse teavitamiseks. Standard on üldiselt rakendatav piltkirjadele kõigis inimtegevuse valdkondades ja kõigis asukohtades, kuhu on avalik ligipääs. Siiski ei rakendu see ohutusmärkidele või neile valdkondadele, kus eeskirjadega võivad olla antud erinevad nõuded, võrreldes teatud punktide nõuetega selles standardis (näiteks liiklusmärgid avalikel kiirteedel). Rahvusvahelises standardis on antud piltkirjade originaalkujud, mille reprodutseerimisel ja rakendamisel võib neid viia vastavale suurusele. Arusaadavuse suurendamiseks võib piltkirju kasutada koos tekstiga.

Keel: en
Alusdokumendid: ISO 7001:2023; ISO 7001:2023/Amd 101:2024
Asendab dokumenti: EVS-ISO 7001:2011
Asendab dokumenti: EVS-ISO 7001:2011/A1:2014
Asendab dokumenti: EVS-ISO 7001:2011/A2:2016
Asendab dokumenti: EVS-ISO 7001:2011/A3:2016
Asendab dokumenti: EVS-ISO 7001:2011/A4:2017

Arvamusküsitluse lõppkuupäev: 12.09.2024

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

prEVS 875-12

Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil
Property valuation - Part 12: Valuation for Compensation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles esitatakse hindamise põhimõtted hüvitamisel. Hüvitamise eesmärgil hindamise vajadus esineb avalikes huvides omandamisel, sundvalduse seadmisel ja teistel juhtudel, aga ka poolte vabal tahtel põhineva võõrandamise või kasutusõiguse seadmisel. Tegemist on standardi EVS 875-12:2016 „Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil“ uustöötlusega. Uustöötluse käigus on tehtud standardis järgmised olulisemad muudatused: 1) Standard viidud kooskõlla senise hindamis- ja õiguspraktikaga, sh valdkonda reguleerivate õigusaktidega. 2) Standardist on eemaldatud õigusaktidest pärinevad mõisted, selle asemele on toodud sisse rohkem viiteid ja seoseid õigusaktidele, mis vastavat mõistet, põhimõtet või käsitlust reguleerivad ja Riigikohtu kaasustele, mis hüvitamises osas seisukohti on võtnud. 3) Standardis on loobutud hüvitusväärtuse mõistest, kuna praktikas on mõiste kasutamine olnud eksitav ja KAHOS-est on see praeguseks välja jäetud. 4) Lisatud on sundvalduse tasu ja teiste kasutusõiguste tasude hindamise sätted, millest võib lähtuda ka servituutide seadmisel. 5) Lisatud on kolmandate isikute kahjude hindamise käsitlus. 6) Loodud on seosed maa korralise hindamisega ja selgitatud korralise hindamise tulemuste kasutamise võimalusi ja riske hüvitamisel. 7) Täpsustatud on hüvitamise eesmärgil tellitavate hindamiste regulatsiooni ja lisatud lähteülesannetee näidised.

Keel: et

Asendab dokumenti: EVS 875-12:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEVS 875-13

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eetikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega.

Keel: et
Asendab dokumenti: EVS 875-13:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

07 LOODUS- JA RAKENDUSTEADUSED

prEN 12469-1

Biological safety cabinets - Part 1: Classes and basic requirements

This document specifies the minimum requirements for BSC with respect to design, construction, safety and hygiene and gives general test methods for their verification. The requirements for the different classes are given in the respective parts of prEN 12469.

Keel: en
Alusdokumendid: prEN 12469-1
Asendab dokumenti: EVS-EN 12469:2000

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 12469-2

Biological safety cabinets - Part 2: BSC class II

This document specifies the specific requirements for class II BSC with respect to design, construction, safety and hygiene. It sets the specific performance criteria for class II BSC for work with biological agents and specifies test procedures with respect to protection of the worker, the environment and product protection including cross-contamination.

Keel: en
Alusdokumendid: prEN 12469-2
Asendab osaliselt dokumenti: EVS-EN 12469:2000

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 12469-5

Biological safety cabinets - Part 5: Installation, commissioning and routine testing

This document gives requirements and recommendations for installation, commissioning and routine testing of BSC.

Keel: en
Alusdokumendid: prEN 12469-5
Asendab osaliselt dokumenti: EVS-EN 12469:2000

Arvamusküsitluse lõppkuupäev: 12.09.2024

11 TERVISEHOOLDUS

prEN 16128

Ophthalmic optics - Reference method for the testing of spectacle frames and sunglasses for nickel release

Specification of the reference method for the testing of spectacle frames, ready-to-wear near-vision spectacles, sunglasses and spectacle frames used for eye and face protection for nickel release. The reference method supports the demonstration of conformity with the limit value for nickel release of 0,5 µg·cm-2·week-1 set forth by European Regulation [Regulation (EC) No 1907/2006, REACH, in particular Commission Regulation (EC) No 552/2009 of 22 June 2009 amending regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and restriction of Chemicals (REACH) as regards Annex XVII RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES]. The standard applies to those parts of metal

spectacle frames and those metal parts of combination spectacle frames that are intended to come into direct and prolonged contact with the skin of the wearer. It also applies to those relevant metal parts of ready-towear near-vision spectacles, sunglasses and spectacle frames used for eye and face protection.

Keel: en
Alusdokumendid: prEN 16128
Asendab dokumenti: EVS-EN 16128:2015

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 80601-2-31:2024

Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

Clause 1 of the general standard1 applies, except as follows: 201.1.1 * Scope Replacement: This part of IEC 60601 applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of EXTERNAL PACEMAKERS powered by an INTERNAL ELECTRICAL POWER SOURCE, hereafter referred to as ME EQUIPMENT. This document applies to PATIENT CABLES as defined in 201.3.209, but does not apply to LEADS as defined in 201.3.206. HAZARDS inherent in the intended physiological function of ME EQUIPMENT within the scope of this document are not covered by specific requirements in this document except in 7.2.13 and 8.4.1 of the general standard. NOTE See also 4.2 of the general standard. This document does not apply to the implantable parts of ACTIVE IMPLANTABLE MEDICAL DEVICES covered by ISO 14708-1. This document does not apply to EXTERNAL PACEMAKERS which can be connected directly or indirectly to a SUPPLY MAINS. This document does not apply to transthoracic and oesophageal pacing ME EQUIPMENT and antitachycardia ME EQUIPMENT.

Keel: en
Alusdokumendid: 62D/2136/CDV; prEN IEC 80601-2-31:2024
Asendab dokumenti: EVS-EN IEC 60601-2-31:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 10993-1

Biological evaluation of medical devices - Part 1: Requirements and general principles for the evaluation of biological safety within a risk management process (ISO/DIS 10993-1:2024)

This document specifies: — the general principles governing the biological evaluation of medical devices within a risk management process; — the general categorization of medical devices based on the nature and duration of their contact with the body; — the evaluation of existing relevant data from all sources; — the identification of gaps in the available data set on the basis of a risk analysis; — the identification of additional data sets necessary to analyse the biological safety of the medical device; — the assessment of the biological safety of the medical device. This document applies to evaluation of materials and medical devices that are expected to have direct or indirect contact with: — the patient's body during intended use; — the user's body, if the medical device is intended for protection (e.g., surgical gloves, masks and others). This document is applicable to biological evaluation of all types of medical devices including active, non-active, implantable and non-implantable medical devices. This document also gives guidelines for the assessment of biological hazards arising from: — risks, such as changes to the medical device over time, as a part of the overall biological safety assessment; — breakage of a medical device or medical device component which exposes body tissue to new or novel materials. Other parts of ISO 10993 cover specific aspects of biological assessments and related tests. Device-specific or product standards address mechanical testing. This document excludes hazards related to bacteria, moulds, yeasts, viruses, transmissible spongiform encephalopathy (TSE) agents and other pathogens.

Keel: en
Alusdokumendid: ISO/DIS 10993-1; prEN ISO 10993-1
Asendab dokumenti: EVS-EN ISO 10993-1:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 11980

Ophthalmic optics - Contact lenses and contact lens care products - Guidance for clinical investigations (ISO/DIS 11980:2024)

ISO 11980:2012 gives guidelines for the clinical investigation of the safety and performance of contact lenses and contact lens care products.

Keel: en
Alusdokumendid: ISO/DIS 11980; prEN ISO 11980
Asendab dokumenti: EVS-EN ISO 11980:2013

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 18374

Dentistry - Artificial intelligence (AI) and augmented intelligence (AuI) based 2D radiograph analysis - Data generation, data annotation and data processing (ISO/DIS 18374:2024)

This document applies to software for 2D x ray image analysis in dental medicine, the basis of which is the application of artificial intelligence (AI). The scope of applicability of this document includes a) Software-as-a-Medical Device (SaMD) b) Software-in-a-Medical Device (SiMD) and c) Software to improve the efficiency of healthcare applications. This document applies to AI applications that learn statically and continuously/incrementally.

Keel: en
Alusdokumendid: ISO/DIS 18374; prEN ISO 18374

Arvamusküsitluse lõppkuupäev: 12.09.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 12255-2
Wastewater treatment plants - Part 2: Storm water management systems

This document specifies requirements for storm water management systems on wastewater treatment plants. It does not refer to storm water management systems in wastewater collection and conveyance networks (sewer systems). This document specifies requirements for separation, storage, treatment, discharge and return of storm water within wastewater treatment plants. NOTE A storm water management system at the wastewater treatment plant is only required where such a system is not provided within the sewer system, limiting the flow to the wastewater treatment plants, see EN 752 and EN 16933 (all parts).

Keel: en
Alusdokumendid: prEN 12255-2

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 15051-1
Workplace exposure - Measurement of the dustiness of bulk materials - Part 1: Requirements and choice of test methods

This document specifies the environmental conditions, the sample handling and analytical procedures and the method of calculating and presenting the results. Reasons are given for the need for more than one method and advice is given on the choice of method to be used. This document establishes a categorization scheme for dustiness to provide a standardized way to express and communicate the results to users of the bulk materials. Details of the scheme for each method are given in EN 15051-2 and EN 15051-3. This document is applicable to powdered, granular or pelletized bulk materials. This document is not applicable to test the dust released during mechanical reduction of solid bulk materials (e.g. cut, crushed) or to test application procedures for the bulk materials.

Keel: en
Alusdokumendid: prEN 15051-1
Asendab dokumenti: EVS-EN 15051-1:2013

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 15051-2
Workplace exposure - Measurement of the dustiness of bulk materials - Part 2: Rotating drum method

This document specifies the rotating drum test apparatus and associated test method for the reproducible production of dust from a bulk material under standard conditions, and the measurement of the inhalable, thoracic and respirable dustiness mass fractions, with reference to existing European Standards, where relevant (see Clause 6). This method is suitable for general bulk material handling processes, including all those processes where the bulk material is dropped, or can be dropped. It differs from the continuous drop method presented in EN 15051 3 [4]. In EN 15051 2, the same bulk material is repeatedly dropped, whilst in EN 15051 3, the bulk material is dropped only once, but continuously. Furthermore, this document specifies the environmental conditions, the sample handling and analytical procedures, and the method of calculating and presenting the results. A categorization scheme for dustiness is specified, to provide a standardized way to express and communicate the results to users of the bulk materials. This document is applicable to powdered, granular or pelletized bulk materials. A standard sample volume is used. This document is not applicable to test the dust released when solid bulk materials are mechanically reduced (e.g. cut, crushed).

Keel: en
Alusdokumendid: prEN 15051-2
Asendab dokumenti: EVS-EN 15051-2:2013+A1:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 15051-3
Workplace exposure - Measurement of the dustiness of bulk materials - Part 3: Continuous drop method

This document specifies the continuous drop test apparatus and associated test method for the reproducible production of dust from a bulk material under standard conditions, and the measurement of the inhalable and respirable dustiness mass fractions, with reference to existing documents, where relevant (see Clause 6). This document specifies the continuous drop test apparatus and associated test method for the reproducible production of dust from a bulk material under standard conditions, and the measurement of the inhalable and respirable dustiness mass fractions, with reference to existing documents, where relevant (see Clause 6). The continuous drop method intends to simulate dust generation processes where there are continuous falling operations (conveying, discharging, filling, refilling, weighing, sacking, metering, loading, unloading etc.) and where dust is liberated by winnowing during falling. It can be modified to measure the thoracic fraction as well, but this modification is not described in this document. It differs from the rotating drum method presented in EN 15051-2 [4] in that in this document, the bulk material is dropped only once, but continuously, while in EN 15051 2, the same bulk material is repeatedly dropped. Furthermore, this document specifies the environmental conditions, the sample handling and analytical procedures and the method of calculating and presenting the results. A categorization scheme for dustiness is specified, to provide a standardized way to express and communicate the results to users of the bulk materials. This document is applicable to powdered, granular or pelletised bulk materials. This document is not applicable to test the dust released when solid bulk materials are mechanically treated (e.g. cut, crushed).

Keel: en
Alusdokumendid: prEN 15051-3

Asendab dokumenti: EVS-EN 15051-3:2013

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 17199-5

Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA or other respirable particles - Part 5: Vortex shaker method

This document describes the methodology for measuring and characterizing the dustiness of bulk materials that contain or release respirable NOAA or other respirable particles, under standard and reproducible conditions and specifies for that purpose the vortex shaker method. This document specifies the selection of instruments and devices and the procedures for calculating and presenting the results. It also gives guidelines on the evaluation and reporting of the data. The methodology described in this document enables: a) the measurement of the respirable dustiness mass fraction; b) the measurement of the number-based dustiness index of respirable particles in the particle size range from about 10 nm to about 1 µm; c) the measurement of the number-based emission rate of respirable particles in the particle size range from about 10 nm to about 1 µm; d) the measurement of the number-based particle size distribution of the released respirable aerosol in the particle size range from about 10 nm to 10 µm; e) the collection of released airborne particles in the respirable fraction for subsequent observations and analysis by electron microscopy. This document is applicable to the testing of a wide range of bulk materials including nanomaterials in powder form. NOTE 1 With slightly different configurations of the method specified in this document, dustiness of a series of carbon nanotubes has been investigated ([5] to [10]). On the basis of this published work, the vortex shaker method is also applicable to nanofibres and nanoplates. This document is not applicable to millimetre-sized granules or pellets containing nano-objects in either unbound, bound uncoated and coated forms. NOTE 2 The restrictions with regard to the application of the vortex shaker method on different kinds of nanomaterials result from the configuration of the vortex shaker apparatus as well as from the small size of the test sample required. Eventually, if future work will be able to provide accurate and repeatable data demonstrating that an extension of the method applicability is possible, the intention is to revise this document and to introduce further cases of method application. NOTE 3 As observed in the pre-normative research project [4], the vortex shaker method specified in this document provides a more energetic aerosolization than the rotating drum, the continuous drop and the small rotating drum methods specified in EN 17199 2 [1], EN 17199 3 [2] and EN 17199 4 [3], respectively. The vortex shaker method can better simulate high energy dust dispersion operations or processes where vibration or shaking is applied or even describe a worst case scenario in a workplace, including the (non-recommended) practice of cleaning contaminated worker coveralls and dry work surfaces with compressed air. NOTE 4 Currently no classification scheme in terms of dustiness indices or emission rates has been established according to the vortex shaker method. Eventually, when a large number of measurement data has been obtained, the intention is to revise the document and to introduce such a classification scheme, if applicable.

Keel: en
Alusdokumendid: prEN 17199-5
Asendab dokumenti: EVS-EN 17199-5:2019

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 17450-3

Fixed firefighting systems - Water mist systems - Part 3: Requirements and test methods for check valves

This document specifies the requirements and describes the test methods for check valves for water mist firefighting systems. Check valves allow the passage in the direction of flow and they prevent flow in the reverse direction. This document is applicable to check valves installed in the pipework of water mist firefighting systems.

Keel: en
Alusdokumendid: prEN 17450-3

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 18109

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines

This document specifies the integrated management of agricultural plastic products with agronomic performance. This document gives guidance and requirements for their installation, use, removal, sorting, collection and preparation for recycling as well as general guidelines for design for recycling. NOTE 1 prEN 13206 , prEN 13207 , prEN 13655 , prEN 14932 and prEN 17098 1 include a specific clause dedicated to design for recycling. NOTE 2 Design for recycling for products not covered by a standard is detailed in this document. This document first aims professional users and can be used also for domestic purposes. This document applies to: - covering films that comply with EN 13206:2017+A1:2020 or with specifications laid out by the film manufacturer/supplier, used for covering greenhouses, small tunnels or livestock buildings, as well as to direct crop covers used for semi-forcing plants and seed; - silage films for horizontal silos that comply with EN 13207 or with specifications laid out by the film manufacturer/supplier; - sheaths for horizontal silos (forage crop and grain storage) that comply with EN 13207 or with specifications laid out by the sheath manufacturer/supplier; - stretch films for wrapping bales that comply with EN 14932 or with specifications laid out by the film manufacturer/supplier; - thermoplastic mulching films that comply with EN 13655 or with specifications laid out by the film manufacturer/supplier; - barrier films for agricultural and horticultural soil disinfection by fumigation comply with EN 17098 1; - nets and twines for catling and horticulture that comply with the specifications laid out by EN ISO 4167 or by the manufacturer/supplier; - flexible ducts, semi-rigid and rigid pipes and fittings for irrigation that comply with ISO 8779, EN ISO 9261, ISO 13460 1, ISO 16438, EN 14267, EN 12324 2, EN 13635, EN 13997, EN 17176 2:2019+A1:2022 or with specifications laid out by the manufacturer/supplier; - fabrics and non-woven nets and sheets for catling and horticulture that comply with ISO 9073 series or with specifications laid out by the manufacturer/supplier. This document does not cover construction, packaging and food-contact products. NOTE 3 For products non-suitable for recycling in the context of this document, specific procedures apply.

Keel: en

Alusdokumendid: prEN 18109

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 13997

Protective clothing - Mechanical properties - Determination of resistance to cutting by sharp objects (ISO/FDIS 13997:2024)

This document specifies a tomodynamometer cut test method and related calculations, for use on materials and assemblies designed for protective clothing, including gloves. The test determines resistance to cutting by sharp edges, such as knives, sheet metal parts, swarf, glass, bladed tools and castings. When this document is cited as a test method in a material or product requirement standard, that standard contains the necessary information to permit the application of this document to the particular product. This test does not provide data on the resistance to penetration by pointed objects such as needles and thorns, or the point of sharp-edged blades. The test described in this document is not considered suitable for testing materials made from chain mail and metal plates. The text of this document does not include provisions for the safeguard of the operator.

Keel: en
Alusdokumendid: ISO/FDIS 13997; prEN ISO 13997
Asendab dokumenti: EVS-EN ISO 13997:2023

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 18127

Water quality - Determination of adsorbable organically bound fluorine, chlorine, bromine and iodine (AOF, AOCl, AOBr, AOI) - Method using combustion and subsequent ion chromatographic measurement (ISO/DIS 18127:2024)

This dcoument specifies a method for the determination of fluoro-, chloro-, bromo- and iodo-organic compounds (AOF, AOCl, AOBr, AOI). Due to the high solubility of AgF in water the scope of ISO 9562 is restricted to Cl-, Br- and I-organic compounds (AOX, calculated as chlorine) because of the applied argentometric detection. The PN follows the proven AOX ISO 9562 method: adsorption of organohalogen compounds on activated carbon, oxidative combustion at 1000 °C with following alterations: constant water feed during combustion (hydropyrolysis), absorption of combustion gases in water, halide specific detection using ionchromatography. The method is applicable for the determination of 2 µg/l AOF, expressed as F 10 µg/l AOCl, expressed as Cl 1 µg/l AOBr, expressed as Br 1 µg/l AOI, expressed as I. Samples for determination of AOF are treated differently than samples for the determination of AOCl, AOBr and AOI. - Samples for determination of AOF are not acidified. The adsorption takes place under unchanged pH conditions. Washing is also performed with a neutral washing solution. - Samples for the determination of AOCl, AOBr and AOI are adjusted to a pH value 2 with nitric acid, the adsorption and washing take place in a nitric acid environment.

Keel: en
Alusdokumendid: ISO/DIS 18127; prEN ISO 18127

Arvamusküsitluse lõppkuupäev: 12.09.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN 15714-4

Industrial valves - Actuators - Part 4: Hydraulic part-turn actuators for industrial valves - Basic requirements

This document specifies basic requirements for hydraulic part-turn valve actuators, both double acting and single acting, used for on-off and modulating control duties. It includes guidelines, recommendations and methods for enclosure and corrosion protection, control and testing. It does not apply to hydraulic actuators which are integral parts of control valves and to hydraulic actuators designed for permanent immersion in fresh or sea water as well as electro-hydraulic actuators. Other requirements, or conditions of use, different from those indicated in this document can vary upon request.

Keel: en
Alusdokumendid: prEN 15714-4
Asendab dokumenti: EVS-EN 15714-4:2009

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 61514:2024

Industrial-process control systems - Methods of evaluating the performance of valve positioners with pneumatic outputs

This International Standard specifies tests designed to determine the static and dynamic performance of single-acting or double-acting analogue positioners. The tests may be applied to positioners which receive standard analogue input signals (as specified in IEC 60381 and IEC 60382) and have a pneumatic output. Positioners with pulsed or digital input signals, positioners with digital controllers and positioners with pulsed outputs are outside the scope of this standard. Testing may be conducted either on a positioner alone, independently of an actuator, or on a positioner mounted and connected to a specific actuator, as a combined unit. The text makes clear where different approaches are required. The methods of evaluation given in this standard are intended for use by manufacturers to determine the performance of their products, and by users, or independent testing establishments, to verify manufacturers' performance specifications. The closest liaison should be maintained between the evaluating body and the manufacturer. Note should be taken of the manufacturer's specifications for the instrument when the test programme is being decided, and the manufacturer should be invited to comment on both the test programme and the results. His comments on the results should be included in any report produced by the testing organization. This standard is intended to provide definitions of

positioner elements, actions, and characteristics, to specify uniform methods of measuring performance errors and effects of influence quantities on those characteristics, and to describe methods of reporting and evaluating the results of the measurement data obtained. The test conditions described in this publication (for example range of ambient temperatures and power supply) relate to conditions which commonly arise in use. Consequently, the values specified shall be used where no other values are specified by the manufacturer or user. If other values are used, they should be stated. It is recognized that the manufacturer's specifications and instructions for installation and operation should apply during all steps. The tests specified in this standard are not necessarily sufficient for instruments specifically designed for unusually arduous conditions. Conversely, a reduced series of tests may serve adequately for instruments designed to perform within a more limited range of conditions. When a full evaluation, in accordance with this standard, is not required or possible, those tests which are required should be performed and the results reported in accordance with the relevant parts of this standard. In such cases, the test report should state that it does not cover the full number of tests specified herein.

Keel: en
Alusdokumendid: 65B/1256/CDV; prEN IEC 61514:2024
Asendab dokumenti: EVS-EN 61514:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 61514-2:2024

Industrial process control systems - Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs mounted on an actuator valve assembly

This part of IEC 61514 specifies design reviews and tests intended to measure and determine the static and dynamic performance, the degree of intelligence and the communication capabilities of single-acting or double-acting intelligent valve positioners. The tests may be applied to positioners which receive standard analogue electrical input signals (as specified in IEC 60381) and/or digital signals via a data communication link (for example Fieldbus) and have a pneumatic output. An intelligent valve positioner as defined in Clause 3 is an instrument that uses for performing its functions digital techniques for data processing, decision-making and bi-directional communication. It may be equipped with additional sensors and additional functionality supporting the main function. The performance testing of an intelligent valve positioner needs to be conducted with the positioner mounted on and connected to the actuator/valve assembly the positioner is to be used on. The specific characteristic parameters of these combinations such as size, stroke, friction, type of packing, spring package and supply pressure for the pneumatic part, should be carefully chosen and reported, since the performance of a positioner is greatly dependent on the used actuator. The methods of evaluation given in this standard are intended for testing laboratories to verify equipment performance specifications. The manufacturers of intelligent positioners are urged to apply this standard at an early stage of development. This standard is intended to provide guidance for designing evaluations of intelligent valve positioners by providing: – a checklist for reviewing their hardware and software design in a structured way; – test methods for measuring and qualifying their performance under various environmental and operational conditions; – methods for reporting the data obtained. When a full evaluation, in accordance with this standard, is not required or possible, the tests which are required should be performed and the results should be reported in accordance with the relevant parts of this standard. In such cases, the test report should state that it does not cover the full number of tests specified herein. Furthermore, the items omitted should be mentioned, to give the reader of the report a clear overview. The standard is also applicable for non-intelligent microprocessor-based valve positioners without means for bi-directional communication. In that case an evaluation should be reduced to a limited programme of performance testing and a short review of the construction.

Keel: en
Alusdokumendid: 65B/1257/CDV; prEN IEC 61514-2:2024
Asendab dokumenti: EVS-EN 61514-2:2013

Arvamusküsitluse lõppkuupäev: 12.09.2024

25 TOOTMISTEHNOLOOGIA

EN 62841-1:2015/prA1:2024

Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 1: Üldnõuded
Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements

Standardi EN 62841-1:2015 muudatus

Keel: en
Alusdokumendid: EN 62841-1:2015/prA1:2024; IEC 62841-1/AMD1 ED1 (116/785/CDV)
Muudab dokumenti: EVS-EN 62841-1:2015
Muudab dokumenti: EVS-EN 62841-1:2015+A11:2022

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 61514:2024

Industrial-process control systems - Methods of evaluating the performance of valve positioners with pneumatic outputs

This International Standard specifies tests designed to determine the static and dynamic performance of single-acting or double-acting analogue positioners. The tests may be applied to positioners which receive standard analogue input signals (as specified in IEC 60381 and IEC 60382) and have a pneumatic output. Positioners with pulsed or digital input signals, positioners with digital controllers and positioners with pulsed outputs are outside the scope of this standard. Testing may be conducted either on a positioner alone, independently of an actuator, or on a positioner mounted and connected to a specific actuator, as a combined

unit. The text makes clear where different approaches are required. The methods of evaluation given in this standard are intended for use by manufacturers to determine the performance of their products, and by users, or independent testing establishments, to verify manufacturers' performance specifications. The closest liaison should be maintained between the evaluating body and the manufacturer. Note should be taken of the manufacturer's specifications for the instrument when the test programme is being decided, and the manufacturer should be invited to comment on both the test programme and the results. His comments on the results should be included in any report produced by the testing organization. This standard is intended to provide definitions of positioner elements, actions, and characteristics, to specify uniform methods of measuring performance errors and effects of influence quantities on those characteristics, and to describe methods of reporting and evaluating the results of the measurement data obtained. The test conditions described in this publication (for example range of ambient temperatures and power supply) relate to conditions which commonly arise in use. Consequently, the values specified shall be used where no other values are specified by the manufacturer or user. If other values are used, they should be stated. It is recognized that the manufacturer's specifications and instructions for installation and operation should apply during all steps. The tests specified in this standard are not necessarily sufficient for instruments specifically designed for unusually arduous conditions. Conversely, a reduced series of tests may serve adequately for instruments designed to perform within a more limited range of conditions. When a full evaluation, in accordance with this standard, is not required or possible, those tests which are required should be performed and the results reported in accordance with the relevant parts of this standard. In such cases, the test report should state that it does not cover the full number of tests specified herein.

Keel: en
Alusdokumendid: 65B/1256/CDV; prEN IEC 61514:2024
Asendab dokumenti: EVS-EN 61514:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 61514-2:2024

Industrial process control systems - Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs mounted on an actuator valve assembly

This part of IEC 61514 specifies design reviews and tests intended to measure and determine the static and dynamic performance, the degree of intelligence and the communication capabilities of single-acting or double-acting intelligent valve positioners. The tests may be applied to positioners which receive standard analogue electrical input signals (as specified in IEC 60381) and/or digital signals via a data communication link (for example Fieldbus) and have a pneumatic output. An intelligent valve positioner as defined in Clause 3 is an instrument that uses for performing its functions digital techniques for data processing, decision-making and bi-directional communication. It may be equipped with additional sensors and additional functionality supporting the main function. The performance testing of an intelligent valve positioner needs to be conducted with the positioner mounted on and connected to the actuator/valve assembly the positioner is to be used on. The specific characteristic parameters of these combinations such as size, stroke, friction, type of packing, spring package and supply pressure for the pneumatic part, should be carefully chosen and reported, since the performance of a positioner is greatly dependent on the used actuator. The methods of evaluation given in this standard are intended for testing laboratories to verify equipment performance specifications. The manufacturers of intelligent positioners are urged to apply this standard at an early stage of development. This standard is intended to provide guidance for designing evaluations of intelligent valve positioners by providing: – a checklist for reviewing their hardware and software design in a structured way; – test methods for measuring and qualifying their performance under various environmental and operational conditions; – methods for reporting the data obtained. When a full evaluation, in accordance with this standard, is not required or possible, the tests which are required should be performed and the results should be reported in accordance with the relevant parts of this standard. In such cases, the test report should state that it does not cover the full number of tests specified herein. Furthermore, the items omitted should be mentioned, to give the reader of the report a clear overview. The standard is also applicable for non-intelligent microprocessor-based valve positioners without means for bi-directional communication. In that case an evaluation should be reduced to a limited programme of performance testing and a short review of the construction.

Keel: en
Alusdokumendid: 65B/1257/CDV; prEN IEC 61514-2:2024
Asendab dokumenti: EVS-EN 61514-2:2013

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 63489:2024

Db - Common data concepts for smart manufacturing

This document specifies the definition of cross-domain product data concepts (classes and properties) in the context of Smart Manufacturing. The standard will be published as concepts within the cross-domain data dictionary "IEC 61360-7 - General items" in IEC CDD.

Keel: en
Alusdokumendid: 65E/1084/CDV; prEN IEC 63489:2024

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 14555

Welding - Arc stud welding of metallic materials (ISO/DIS 14555:2024)

ISO 14555:2017 covers arc stud welding of metallic materials subject to static and fatigue loading. It specifies requirements that are particular to stud welding, in relation to welding knowledge, quality requirements, welding procedure specification, welding procedure qualification, qualification testing of operators and testing of production welds. ISO 14555:2017 is appropriate where it is necessary to demonstrate the capability of a manufacturer to produce welded construction of a specified quality. NOTE General quality requirements for fusion welding of metallic materials are given in ISO 3834-1, ISO 3834-2, ISO 3834-3, ISO 3834-4 and ISO 3834-5. ISO 14555:2017 has been prepared in a comprehensive manner, with a view to it being used as a reference in

contracts. The requirements contained within it can be adopted in full, or partially, if certain requirements are not relevant to a particular construction (see Annex B). For processing of stud welding, see Annex A.

Keel: en
Alusdokumendid: ISO/DIS 14555; prEN ISO 14555
Asendab dokumenti: EVS-EN ISO 14555:2017

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 17662

Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO/DIS 17662:2024)

ISO 17662:2016 specifies requirements for calibration, verification and validation of equipment used for - control of process variables during fabrication, and - control of the properties of equipment used for welding or welding allied processes where the resulting output cannot be readily or economically documented by subsequent monitoring, inspection and testing. This involves process variables influencing the fitness-for-purpose and in particular the safety of the fabricated product. NOTE 1 This International Standard is based on the lists of process variables stated in International Standards for specification of welding procedures, in particular, but not exclusively in the ISO 15609- series. Future revisions of these International Standards can result in addition or deletion of parameters considered necessary to specify. Some guidance is, in addition, given in Annex B as regards requirements for calibration; verification and validation as part of acceptance testing of equipment used for welding or allied processes. Requirements to calibrate, verify and validate as part of inspection, testing, non-destructive testing or measuring of final welded products performed in order to verify confirm product compliance are outside the scope of the present International Standard. The subject of this International Standard is limited to calibration, verification and validation of equipment after installation, as part of the workshops' and site operations for maintenance and/or operation. It needs to be stressed that this International Standard has nothing to do with manufacture and installation of equipment for welding. Requirements for new equipment are formulated in directives and product codes (standards), as necessary. Annex C provides information when other parties are involved in calibration, verification and validation activities.

Keel: en
Alusdokumendid: ISO/DIS 17662; prEN ISO 17662
Asendab dokumenti: EVS-EN ISO 17662:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

prEN IEC 60079-45:2024

Explosive atmospheres - Part 45: - Electrical ignition systems for internal combustion engines

This part of IEC 60079 is intended to enhance the safety of personnel by providing minimum requirements for electrical ignition systems for spark-ignited reciprocating internal combustion engines, parts of which provide EPL Gc. This standard provides minimum construction and test requirements, in addition to manufacturer installation and maintenance recommendations, for the safe operation of ignition systems and components for spark-ignited reciprocating internal combustion engines providing EPL Gc for equipment Group IIB+H2, IIB or IIA. These requirements apply to systems rated for normal operation with secondary voltages less than or equal to 60 kV. This standard is intended to apply only to the ignition systems or the individual ignition system components used on reciprocating internal combustion engines that are stationary when in operation and mobile machinery where the internal combustion engine may be potential source of ignition. Applications addressed by the scope of this document include but are not limited to gas compressors, electric power generators, forklift trucks, and pumps. This standard does not apply to: a) engine ignition systems that utilize a breaker point or magneto type ignition systems as these would not be suitable for use in a hazardous area. b) Road vehicles. c) Low voltage parts and electrical installation that are not included in the ignition system, such as various sensors and thermocouples, throttle actuator(s), fuel control valve(s), human machine interface (HMI), respective harness and wiring and all the other items that might belong to the integrated control system besides the ignition system. This standard supplements and modifies the general requirements of IEC 60079-0 and the requirements of ISO/IEC 80079-41. Where a requirement of this standard conflicts with IEC 60079-0 or ISO/IEC 80079-41, the requirement of this standard takes precedence. NOTE See ISO/IEC 80079-41 for the requirements for explosion protection for EPL Gc reciprocating internal combustion engines.

Keel: en
Alusdokumendid: 31/1776/CDV; prEN IEC 60079-45:2024

Arvamusküsitluse lõppkuupäev: 12.09.2024

29 ELEKTROTEHNIKA

EN 50367:2020/prA2

Railways applications - Fixed installations and rolling stock - Criteria to achieve technical compatibility between pantographs and overhead contact line

No change from existing scope of EN 50367:2020 + A1:2022 EN 50367 specifies requirements for the technical compatibility between pantographs and overhead contact lines, to achieve free access to the lines of the European railway network.

Keel: en
Alusdokumendid: EN 50367:2020/prA2
Muudab dokumenti: EVS-EN 50367:2020
Muudab dokumenti: EVS-EN 50367:2020+A1:2022

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60079-0:2024

Explosive atmospheres - Part 0: Equipment - General requirements

This part of IEC 60079 specifies the general requirements for construction, testing and marking of Ex 413 Equipment and Ex Components intended for use in or associated with explosive atmospheres. 414 The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it may be assumed that Ex Equipment can be operated are: • temperature -20 °C to +60 °C; • pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); and • air with normal oxygen content, typically a volume fraction of 21 %. This part of IEC 60079 and other documents supplementing this document specify additional test requirements for Ex Equipment operating outside the standard temperature range, but in some cases, further additional consideration and additional testing is required for Ex Equipment operating outside the standard atmospheric pressure range and standard oxygen content. Such additional testing is particularly relevant with respect to Types of Protection that depend on quenching of a flame such as ‘flameproof enclosures “d”’ (IEC 60079-1) or limitation of energy, ‘intrinsic safety “i”’ (IEC 60079-11). NOTE 1 Although the standard atmospheric conditions above give a temperature range for the atmosphere of -20 °C to +60 °C, the normal ambient temperature range for the Ex Equipment is -20 °C to +40 °C, unless otherwise specified and marked. See 5.1.1. It is considered that -20 °C to +40 °C is appropriate for many items of Ex Equipment and that to manufacture all Ex Equipment to be suitable for a standard atmosphere upper ambient temperature of +60 °C would place unnecessary design constraints. NOTE 2 Requirements given in this document result from an ignition hazard assessment made on equipment. The ignition sources taken into account are those found associated with this type of equipment, such as hot surfaces, electromagnetic radiation, mechanically generated sparks, mechanical impacts resulting in thermite reactions, electrical arcing and static electric discharge in normal industrial environments. NOTE 3 Where an explosive gas atmosphere and a combustible dust atmosphere are, or can be, present at the same time, the simultaneous presence of both often warrants additional protective measures. Additional guidance on the use of Ex Equipment in hybrid mixtures (mixture of a flammable gas or vapour with a combustible dust or combustible flyings) is given in IEC 60079-14. NOTE 4 Any short term thermal excursions that occur as a result of electrical current excursions above normal rated currents, such as those that occur during the starting of motors, are not considered to create a significant risk of ignition of an explosive atmosphere due to the relatively short duration of the event and the convection that occurs during the event. IEC 60079 does not specify requirements for safety, other than those directly related to the reduction (mitigation) of ignition hazards. Ignition sources like adiabatic compression, shock waves, exothermic chemical reaction, self-ignition of dust, naked flames and hot gases/liquids, are not addressed by this document. NOTE 5 Although outside the scope of this document, such equipment would typically be subjected to a ignition hazard assessment that identifies and lists all of the potential sources of ignition by the equipment and the measures to be applied to prevent them becoming effective. See ISO/IEC 80079-36.

Keel: en
Alusdokumendid: prEN IEC 60079:2024; IEC 60079-0 ED8 (31/1781/CDV)
Asendab dokumenti: EVS-EN IEC 60079-0:2018
Asendab dokumenti: EVS-EN IEC 60079-0:2018/A11:2024
Asendab dokumenti: EVS-EN IEC 60079-0:2018/AC:2020
Asendab dokumenti: EVS-EN IEC 60079-0:2018+A11:2024

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60079-45:2024

Explosive atmospheres - Part 45: - Electrical ignition systems for internal combustion engines

This part of IEC 60079 is intended to enhance the safety of personnel by providing minimum requirements for electrical ignition systems for spark-ignited reciprocating internal combustion engines, parts of which provide EPL Gc. This standard provides minimum construction and test requirements, in addition to manufacturer installation and maintenance recommendations, for the safe operation of ignition systems and components for spark-ignited reciprocating internal combustion engines providing EPL Gc for equipment Group IIB+H2, IIB or IIA. These requirements apply to systems rated for normal operation with secondary voltages less than or equal to 60 kV. This standard is intended to apply only to the ignition systems or the individual ignition system components used on reciprocating internal combustion engines that are stationary when in operation and mobile machinery where the internal combustion engine may be potential source of ignition. Applications addressed by the scope of this document include but are not limited to gas compressors, electric power generators, forklift trucks, and pumps. This standard does not apply to: a) engine ignition systems that utilize a breaker point or magneto type ignition systems as these would not be suitable for use in a hazardous area. b) Road vehicles. c) Low voltage parts and electrical installation that are not included in the ignition system, such as various sensors and thermocouples, throttle actuator(s), fuel control valve(s), human machine interface (HMI), respective harness and wiring and all the other items that might belong to the integrated control system besides the ignition system. This standard supplements and modifies the general requirements of IEC 60079-0 and the requirements of ISO/IEC 80079-41. Where a requirement of this standard conflicts with IEC 60079-0 or ISO/IEC 80079-41, the requirement of this standard takes precedence. NOTE See ISO/IEC 80079-41 for the requirements for explosion protection for EPL Gc reciprocating internal combustion engines.

Keel: en
Alusdokumendid: 31/1776/CDV; prEN IEC 60079-45:2024

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60079-7:2024

Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

This part of IEC 60079 specifies the requirements for the design, construction, testing and marking of electrical Ex Equipment and Ex Components with Type of Protection increased safety “e” intended for use in explosive gas atmospheres. Electrical Ex Equipment and Ex Components of Type of Protection increased safety “e” are either: a) Level of Protection “eb” (EPL “Mb” or “Gb”); or b) Level of Protection “ec” (EPL “Gc”) Level of Protection “eb” applies to Ex Equipment or Ex Components, including their connections, conductors, windings, lamps, and batteries; but not including semiconductor devices or electrolytic capacitors. NOTE 1 The fundamental basis of “eb” is limitation of temperature, and reduced likelihood of insulation failure resulting in an arc or spark. Expected malfunctions of electronic components, such as semiconductor devices or electrolytic capacitors, can result in a failure producing excessive temperatures, or arcs and sparks. Level of Protection “ec” applies to Ex Equipment or Ex

Components, including their connections, conductors, windings, lamps, and batteries; and also including semiconductor devices and electrolytic capacitors. NOTE 2 The use of electronic components, such as semiconductor devices or electrolytic capacitors, is permitted in Level of Protection “ec” as these are evaluated under both normal conditions and regular expected occurrences, and are not likely to result in excessive temperatures or arcs and sparks. As the requirements for separation distances are not applied to the internal construction, commercially available electronic components are generally suitable if the external separation distances comply. The requirements of this standard apply to both Levels of Protection unless otherwise stated.

Keel: en
Alusdokumendid: prEN IEC 60079-7:2024; IEC 60079-7 ED6 (31/1782/CDV)
Asendab dokumenti: EVS-EN 60079-7:2015
Asendab dokumenti: EVS-EN 60079-7:2015/A11:2024
Asendab dokumenti: EVS-EN 60079-7:2015+A1+A11:2024
Asendab dokumenti: EVS-EN IEC 60079-7:2015/A1:2018
Asendab dokumenti: EVS-EN IEC 60079-7:2015+A1:2018

Arvamusküsitluse lõppkuupäev: 13.08.2024

prEN IEC 60931-1:2024

Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 v - Part 1: General

This part of IEC 60931 is applicable to both capacitor units and capacitor banks intended to be used, particularly, for power-factor correction of AC power systems having a rated voltage up to and including 1000 V and frequencies 15 Hz to 60 Hz. This part of IEC 60931 also applies to capacitors intended for use in power filter circuits. Additional definitions, requirements, and tests for filter capacitors are given in annex A. The following capacitors are excluded from this part of IEC 60931: – Shunt power capacitors of the self-healing type for AC systems having a rated voltage up to and including 1000 V (IEC 60831 series). – Shunt capacitors for AC power systems having a rated voltage above 1000 V (IEC 60871). – Power Capacitors for induction heating installations (IEC 60110 series). – Series capacitors for power systems (IEC 60143 series). – Capacitors for motor applications (IEC 60252 series). – Coupling capacitors and capacitor dividers (IEC 60358). – Capacitors for power electronics (IEC 61071). – Small AC capacitors to be used for fluorescent and discharge lamps (IEC 61048 and IEC 61049). – Capacitors for suppression of radio interference (under consideration). – Capacitors intended to be used in various types of electrical equipment and thus considered as components. – Capacitors intended for use with DC voltage superimposed on the AC voltage. – Shunt power capacitors of the self-healing type for AC systems having a rated voltage above 1000V (IEC 63210). Accessories such as insulators, switches, instrument transformers, fuses, etc., are to be in accordance with the relevant IEC standards. The purpose of this part of the IEC 60931 standard is: a) to formulate uniform rules regarding performances, testing and rating; b) to formulate specific safety rules; c) to provide a guide for installation and operation.

Keel: en
Alusdokumendid: 33/708/CDV; prEN IEC 60931-1:2024
Asendab dokumenti: EVS-EN 60931-1:2001
Asendab dokumenti: EVS-EN 60931-1:2001/A1:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60931-2:2024

Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 v - Part 2: Ageing test and destruction test

This part of IEC 60931 applies to capacitors according to IEC 60931-1 and gives the requirements for the ageing test and destruction test for these capacitors. NOTE The numbering of the clauses and subclauses in this part corresponds to that of IEC 60931-1.

Keel: en
Alusdokumendid: 33/709/CDV; prEN IEC 60931-2:2024
Asendab dokumenti: EVS-EN 60931-2:2001

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 63522-2:2024

Electrical relays - Tests and Measurements - Part 2: Mechanical tests and weighing

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for ensure that particular mechanical properties (such as contact force, contact gaps, armature travel) and weight , are within specified limits.

Keel: en
Alusdokumendid: prEN IEC 63522-2:2024; IEC 63522-2 ED1 (94/1033/FDIS)

Arvamusküsitluse lõppkuupäev: 13.08.2024

31 ELEKTROONIKA

prEN IEC 60352-7:2024

Solderless connections - Part 7: Spring clamp connections - General requirements, test methods and practical guidance

This part of IEC 60352 is applicable to spring clamp connections made with stripped wire of the following types and sizes according to IEC 60228:2023 or IEC 60189-3, without further preparation (later described “unprepared”): – solid conductors (e.g. class 1 of IEC 60228:2023) of 0,32 mm to 3,7 mm nominal diameter (0,08 mm2 to 10 mm2 cross-section), or – stranded conductors (e.g. class 2 of IEC 60228:2023) of 0,08 mm2 to 10 mm2 cross-section, or – flexible conductors (e.g. class 5 or 6 of IEC 60228:2023) of 0,08 mm2 to 10 mm2 cross-section, for use in electrical and electronic equipment and components. Information on materials and data from industrial experience is included in addition to the test procedures to provide electrically stable connections under prescribed environmental conditions. The object of this document is to determine the suitability of spring clamp connections under specified mechanical, electrical and atmospheric conditions. NOTE IEC Guide 109 advocates the need to minimize the impact of a product on the natural environment throughout the product life cycle. It is understood that some of the materials permitted in this document may have a negative environmental impact. As technological advances lead to acceptable alternatives for these materials, they will be eliminated from this document.

Keel: en
Alusdokumendid: 48B/3108/CDV; prEN IEC 60352-7:2024
Asendab dokumenti: EVS-EN IEC 60352-7:2021

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60931-1:2024

Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 v - Part 1: General

This part of IEC 60931 is applicable to both capacitor units and capacitor banks intended to be used, particularly, for power-factor correction of AC power systems having a rated voltage up to and including 1000 V and frequencies 15 Hz to 60 Hz. This part of IEC 60931 also applies to capacitors intended for use in power filter circuits. Additional definitions, requirements, and tests for filter capacitors are given in annex A. The following capacitors are excluded from this part of IEC 60931: – Shunt power capacitors of the self-healing type for AC systems having a rated voltage up to and including 1000 V (IEC 60831 series). – Shunt capacitors for AC power systems having a rated voltage above 1000 V (IEC 60871). – Power Capacitors for induction heating installations (IEC 60110 series). – Series capacitors for power systems (IEC 60143 series). – Capacitors for motor applications (IEC 60252 series). – Coupling capacitors and capacitor dividers (IEC 60358). – Capacitors for power electronics (IEC 61071). – Small AC capacitors to be used for fluorescent and discharge lamps (IEC 61048 and IEC 61049). – Capacitors for suppression of radio interference (under consideration). – Capacitors intended to be used in various types of electrical equipment and thus considered as components. – Capacitors intended for use with DC voltage superimposed on the AC voltage. – Shunt power capacitors of the self-healing type for AC systems having a rated voltage above 1000V (IEC 63210). Accessories such as insulators, switches, instrument transformers, fuses, etc., are to be in accordance with the relevant IEC standards. The purpose of this part of the IEC 60931 standard is: a) to formulate uniform rules regarding performances, testing and rating; b) to formulate specific safety rules; c) to provide a guide for installation and operation.

Keel: en
Alusdokumendid: 33/708/CDV; prEN IEC 60931-1:2024
Asendab dokumenti: EVS-EN 60931-1:2001
Asendab dokumenti: EVS-EN 60931-1:2001/A1:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60931-2:2024

Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1000 v - Part 2: Ageing test and destruction test

This part of IEC 60931 applies to capacitors according to IEC 60931-1 and gives the requirements for the ageing test and destruction test for these capacitors. NOTE The numbering of the clauses and subclauses in this part corresponds to that of IEC 60931-1.

Keel: en
Alusdokumendid: 33/709/CDV; prEN IEC 60931-2:2024
Asendab dokumenti: EVS-EN 60931-2:2001

Arvamusküsitluse lõppkuupäev: 12.09.2024

33 SIDETEHNIKA

prEN 300 132-2 V2.8.0

Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC)

The present document contains requirements and measurements methods for the physical interface "A" that is situated between the power supply system(s) and the power consuming ICT equipment. The nominal voltage at power interface "A" of ICT equipment defined in the present document is DC voltage -48 V. The DC power can be supplied by a DC output power system (e.g. based on AC rectifiers on grid or DC/DC converters on solar system, fuel cell, DC engine or fuel cell generator) and also directly supplied by a battery backup in this DC power system. The purpose of the present document is to be able to use a power

supply system with the same characteristics for all ICT equipment defined in the area of application: - to facilitate inter working of different types of load units; - to facilitate the standardization of ICT equipment; - to facilitate the installation, operation and maintenance in the same network of ICT equipment and systems from different origins. The present document aims at providing electrical compatibility between the power supply equipment and the power consuming ICT equipment, between different system blocks and loads connected to the same power supply feeding the interface "A" (e.g. control/monitoring, cooling system, etc.). The requirements are defined for: - the power supply input of any type of ICT equipment installed at telecommunication centres that are connected to interface "A" powered by DC; - any type of ICT equipment, installed in access networks and customers' premises, the DC interface "A" of which is also used by equipment requiring a DC supply source; - any type of ICT equipment powered by DC, used in the fixed and mobile networks installed in different locations such as buildings, shelters, street cabinets, outdoor installations. Disturbances on the power supply interface "A" relating to the continuous wave phenomena below 20 kHz are covered within the present document. The present document does not cover safety requirements, they are covered by relevant safety standards. The present document does not cover EMC requirements, they are covered by relevant EMC standards. NOTE: Annex B gives guidance on -60 VDC supply systems.

Keel: en
Alusdokumendid: Draft ETSI EN 300 132-2 V2.8.0

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 301 908-13 V13.3.0

IMT kärgsidevõrgud; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 13. E-UTRA kasutajaseadmed (UE)

IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

The present document applies to the following radio equipment type: • User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA). This radio equipment type is capable of operating in all or any part of the frequency bands given in tables from 1-1 through 1-5. Table 1-1: E-UTRA UE operating bands E-UTRA Band; Direction of UE transmission/E-UTRA operating bands; Related EC/ECC decision 1; Transmit 1 920 MHz to 1 980 MHz; Receive 2 110 MHz to 2 170 MHz; (EU) 2020/667 and ECC Decision (06)01 3; Transmit 1 710 MHz to 1 785 MHz; Receive 1 805 MHz to 1 880 MHz; (EU) 2022/173 and ECC Decision (06)13 7; Transmit 2 500 MHz to 2 570 MHz; Receive 2 620 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 8; Transmit 880 MHz to 915 MHz; Receive 925 MHz to 960 MHz; (EU) 2022/173 and ECC Decision (06)13 20; Transmit 832 MHz to 862 MHz; Receive 791 MHz to 821 MHz; 2010/267/EU and ECC Decision (09)03 22; Transmit 3 410 MHz to 3 490 MHz; Receive 3 510 MHz to 3 590 MHz; (EU) 2019/235 and ECC Decision (11)06 28 (see note 6); Transmit 703 MHz to 748 MHz; Receive 758 MHz to 803 MHz; (EU) 2016/687 and ECC Decision (15)01 31; Transmit 452,5 MHz to 457,5 MHz; Receive 462,5 MHz to 467,5 MHz; ECC Decision (19)02 32 (see note 1)(see note 2); Transmit N/A; Receive 1 452 MHz to 1 496 MHz; (EU) 2018/661 and ECC Decision (13)03 33; Transmit and Receive 1 900 MHz to 1 920 MHz; ECC Decision (06)01 34; Transmit and Receive 2 010 MHz to 2 025 MHz; ECC Decision (06)01 38; Transmit and Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 40; Transmit and Receive 2 300 MHz to 2 400 MHz; ECC Decision (14)02 41 (note 7); Transmit and Receive 2 496 MHz to 2 690 MHz; (EU) 2020/636 and ECC Decision (05)05 42; Transmit and Receive 3 400 MHz to 3 600 MHz; (EU) 2019/235 and ECC Decision (11)06 43; Transmit and Receive 3 600 MHz to 3 800 MHz; (EU) 2019/235 and ECC Decision (11)06 46 (see note 3) (see note 4); Transmit and Receive 5 150 MHz to 5 925 MHz; (EU) 2022/179 and ECC Decision (04)08 65 (see note 5); Transmit 1 920 MHz to 2 010 MHz; Receive 2 110 MHz to 2 200 MHz; (EU) 2020/667, ECC Decision (06)01 and ECC Decision (06)09 67; Transmit N/A; Receive 738 MHz to 758 MHz; (EU) 2016/687 and ECC Decision (15)01 68; Transmit 698 MHz to 728 MHz; Receive 753 MHz to 783 MHz; (EU) 2016/687 and ECC Decision (15)01 69 (see note 1); Transmit N/A; Receive 2 570 MHz to 2 620 MHz; (EU) 2020/636 and ECC Decision (05)05 72; Transmit 451 MHz to 456 MHz; Receive 461 MHz to 466 MHz; ECC Decision (19)02 87; Transmit 410 MHz to 415 MHz; Receive 420 MHz to 425 MHz; ECC Decision (19)02 88; Transmit 412 MHz to 417 MHz; Receive 422 MHz to 427 MHz; ECC Decision (19)02 NOTE 1: Restricted to E-UTRA operation when carrier aggregation is configured. The downlink operating band is paired with the uplink operating band (external) of the carrier aggregation configuration that is supporting the configured Pcell. NOTE 2: In Europe, according to (EU) 2018/661 and ECC Decision (13)03, radio equipment in band 32 operates between 1 452 MHz and 1 492 MHz. NOTE 3: This band is an unlicensed band restricted to licensed-assisted operation using Frame Structure Type 3. In Europe according to (EU) 2022/179 and ECC Decision (04)08, radio equipment in band 46 operates between 5 150 MHz and 5 725 MHz as in table 1-1A. NOTE 4: In this version of the present document, restricted to E-UTRA DL operation when carrier aggregation is configured. NOTE 5: A UE that complies with the E-UTRA Band 65 minimum requirements in the present document also complies with the E-UTRA Band 1 minimum requirements. This band includes two frequency ranges that are harmonised in Europe: a) According to (EU) 2020/667 and ECC Decision (06)01, radio equipment in band n65 operates between 2 110 MHz and 2 170 MHz for the transmitter (FDL_low = 2 110 MHz and FDL_high = 2 170 MHz), and between 1 920 MHz and 1 980 MHz for the receiver (FUL_low = 1 920 MHz and FUL_high = 1 980 MHz). b) Based on (EU) 2022/179, radio equipment in band n65 operates between 2 170 MHz and 2 200 MHz for the transmitter (FDL_low = 2 170 MHz and FDL_high = 2 200 MHz) and between 1 980 MHz and 2 010 MHz for the receiver (FUL_low = 1 980 MHz and FUL_high = 2 010 MHz) as the Complementary Ground Component (CGC) of a Mobile-satellite service by reference to the present Harmonised Standard. NOTE 6: In Europe, according to (EU) 2016/687, ECC Decision (15)01 and ECC Decision (19)02, radio equipment in band 28 operates between 703 MHz to 736 MHz for the transmitter (FUL_low = 703 MHz and FUL_high = 736 MHz) and between 758 MHz to 791 MHz for the receiver (FDL_low = 758 MHz and FDL_high = 791 MHz). NOTE 7: In Europe according to (EU) 2020/636 and ECC Decision (05)05, radio equipment in band 41 operates between 2 500 MHz and 2 570 MHz (FDL_low = 2 500 MHz and FDL_high = 2 570 MHz). NOTE 1: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A. Table 1-1A: Sub-bands for band 46 E-UTRA Band 46a 46b 46c NOTE: The sub-bands 46a and 46b are restricted to indoor use only. Table 1-2: E-UTRA UE Intra-band contiguous CA operating bands E-UTRA CA Band CA_1 CA_3 CA_7 CA_38 CA_40 CA_41 CA_42 Table 1-3: E-UTRA UE Inter-band CA operating bands (two bands) E-UTRA CA Band CA_1-3 CA_1-7 CA_1-8 CA_1-20 CA_1-41 CA_1-42 CA_1-46 CA_3-7 CA_3-8 CA_3-20 CA_3-28 CA_3-41 CA_3-42 CA_3-46 CA_7-20 CA_7-28 CA_7-46 CA_8-20 CA_8-40 CA_8-41 CA_20-32 CA_41-42 CA_41-46 CA_42-46 CA_20-67 Table 1-4: E-UTRA UE Inter-band CA operating bands (three bands) E-UTRA CA Band CA_1-3-8 CA_1-3-20 CA_1-7-20 CA_3-7-20 CA_3-41-42 Table 1-5: Intra-band non-contiguous CA operating bands (with two sub-blocks) E-UTRA CA Band CA_3-3 CA_7-7 CA 41-41 CA_42-42 E-UTRA NB-IoT is designed to operate in the E-UTRA operating bands 1, 3, 8, 20, 28 and 65 defined in table 1-1. The present document covers requirements for E-UTRA FDD and E-UTRA TDD User Equipment from 3GPP™ Releases 8, 9, 10, 11, 12, and 13 defined in ETSI TS 136 101. This includes

the requirements for E-UTRA UE operating bands and E-UTRA CA operating bands from 3GPP™ Release 13 defined in ETSI TS 136 101. NOTE 2: For Band 20: • For user equipment designed to be mobile or nomadic, the requirements in the present document measured at the antenna port also show conformity to the corresponding requirement defined as Total Radiated Power (TRP), as described in Commission Decision 2010/267/EU and ECC Decision (09)03. • For user equipment designed to be fixed or installed, the present document does not address the requirements described in Commission Decision 2010/267/EU and ECC Decision (09)03. The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Keel: en
Alusdokumendid: Draft ETSI EN 301 908-13 V13.3.0

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 302 065-3-1 V3.1.1

Lähitoimeseadmed (SRD), mis kasutavad ultralairiba (UWB) tehnoloogiat; Raadiospektrile juurdepääsu harmoneeritud standard; Osa 3. Nõuded maantee- ja raudteesõidukite UWB seadmetele; Jagu 1. Nõuded sõidukite ligipääsusüsteemide UWB seadmetele sagedusalades 3,8 GHz kuni 4,2 GHz või 6 GHz kuni 8,5 GHz

Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised standard for access to radio spectrum; Part 3: UWB devices installed in motor and railway vehicles; Sub-part 1: Requirements for UWB devices for vehicular access systems within 3,8 GHz to 4,2 GHz or 6 GHz to 8,5 GHz

The present document specifies technical requirements, limits and test methods for equipment employing UWB for vehicular access devices installed in motor and railway vehicles in the frequency ranges 3,8 GHz to 4,2 GHz and 6,0 GHz to 8,5 GHz. These equipment types are intended to be utilized for vehicle access, vehicle immobilization and extended vehicle access control functionalities (like closing windows or remotely starting the car). Further details of the covered EUT can be found in clause 4.2 in the present document. NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU is given in annex A.

Keel: en
Alusdokumendid: Draft ETSI EN 302 065-3-1 V3.1.1

Arvamusküsitluse lõppkuupäev: 13.08.2024

prEN IEC 60268-7:2024

Sound system equipment - Part 7: Headphones and earphones

This part of IEC 60268, is applicable to headphones, earphones, headsets and earsets, intended to be used on, or in, the human ear. It also applies to equipment, such as pre-amplifiers, passive networks and power supplies which form an integral part of the headphone system. It does not deal with: a) safety, for which reference should be made to IEC 62368-1 or another appropriate standard; b) the characteristics of microphones of headsets, for which reference should be made to IEC 60268-4; c) earphones and other devices for hearing aids, for which reference should be made to IEC 60118-0; d) headphones for audiometry; e) headphones and other devices which form part of an active ear-defender system, although some of its provisions may be applicable; f) active noise cancelation characteristics as covered by IEC 60268-24. This standard specifies the characteristics which should be included by the manufacturer in specifications, and relevant methods of measurement. It includes a classification of the different types of earphones, mainly characterized by the way in which the transducer is coupled acoustically to the ear, and a classification code which may also be used for marking. Rated conditions and characteristics in this standard are not strictly subject to measurement, except by the manufacturer. Measurement methods for rated characteristics are provided for the benefit of manufacturers for the purpose of test repeatability and data comparison. External test houses may then use the same method for verification of manufacturers' specifications.

Keel: en
Alusdokumendid: 100/4145/CDV; prEN IEC 60268-7:2024
Asendab dokumenti: EVS-EN 60268-7:2011
Asendab dokumenti: EVS-EN 60268-7:2011/A1:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 62148-11:2024

Fibre optic active components and devices - Package and interface standards - Part 11: 14-pin modulator integrated laser diode modules and pump laser diode modules

This part of IEC 62148 covers physical interface specifications for 14-pin modulator integrated laser diode transmitter modules and for 14-pin pump laser diode modules. This document specifies the physical requirements of modulator integrated laser diode modules and pump laser diode modules to enable mechanical interchangeability of modules complying with this standard, both at the printed circuit board level and with respect to panel mounting requirements.

Keel: en
Alusdokumendid: 86C/1925/CDV; prEN IEC 62148-11:2024
Asendab dokumenti: EVS-EN 62148-11:2010

Arvamusküsitluse lõppkuupäev: 12.09.2024

35 INFOTEHNOLOOGIA

prEN IEC 63489:2024
Db - Common data concepts for smart manufacturing

This document specifies the definition of cross-domain product data concepts (classes and properties) in the context of Smart Manufacturing. The standard will be published as concepts within the cross-domain data dictionary "IEC 61360-7 - General items" in IEC CDD.

Keel: en
Alusdokumendid: 65E/1084/CDV; prEN IEC 63489:2024

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 13940
Health informatics - System of concepts to support continuity of care (ISO/DIS 13940:2024)

ISO 13940:2015 defines a system of concepts for different aspects of the provision of healthcare. The core business in healthcare is the interaction between subjects of care and healthcare professionals. Such interactions occur in healthcare/clinical processes and are the justification for the process approach of ISO 13940:2015. To be able to represent both clinical content and clinical context, ISO 13940:2015 is related to a generic healthcare/clinical process model as well as comprehensive concept definitions and concept models for the clinical, management and resource aspects of healthcare services. In practice ISO 13940:2015 covers the concept definitions needed whenever structured information in healthcare is specified as a requirement. The definitions are intended to refer to the conceptual level only and not to details of implementation. ISO 13940:2015 will cover all levels of specifications in the development of logical reference models within the information viewpoint as a common basis for semantic interoperability on international, national or local levels, information systems, and information for specified types of clinical processes.

Keel: en
Alusdokumendid: ISO/DIS 13940; prEN ISO 13940
Asendab dokumenti: EVS-EN ISO 13940:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 18374
Dentistry - Artificial intelligence (AI) and augmented intelligence (AuI) based 2D radiograph analysis - Data generation, data annotation and data processing (ISO/DIS 18374:2024)

This document applies to software for 2D x ray image analysis in dental medicine, the basis of which is the application of artificial intelligence (AI). The scope of applicability of this document includes a) Software-as-a-Medical Device (SaMD) b) Software-in-a-Medical Device (SiMD) and c) Software to improve the efficiency of healthcare applications. This document applies to AI applications that learn statically and continuously/incrementally.

Keel: en
Alusdokumendid: ISO/DIS 18374; prEN ISO 18374

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO/IEC 27701
Information security, cybersecurity and privacy protection - Privacy information management systems - Requirements and guidance (ISO/IEC DIS 27701:2024)

This document specifies requirements for establishing, implementing, maintaining and continually improving a privacy information management system (PIMS). Guidance is provided to assist in the implementation of the controls in this document. This document is intended for PII controllers and PII processors holding responsibility and accountability for PII processing. This document is applicable to all types and sizes of organizations, including public and private companies, government entities and not-for-profit organizations.

Keel: en
Alusdokumendid: ISO/IEC DIS 27701.2; prEN ISO/IEC 27701
Asendab dokumenti: EVS-EN ISO/IEC 27701:2021

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEVS-ISO/IEC 38500
Infotehnoloogia. Infotehnoloogia valitsemine organisatsioonis
Information technology — Governance of IT for the organization (ISO/IEC 38500:2024, identical)

See dokument annab juhtpõhimõtted organisatsioonide juhatustele ja neid toetavatele isikutele infotehnoloogia (IT) toimivaks, tõhusaks ja vastuvõetavaks kasutamiseks oma organisatsioonides. See dokument on rakendatav: — organisatsiooni praeguse ja tulevase IT-kasutuse valitsemisele; — IT valitsemisele kui organisatsioonide valitsemise valdkonnale. Kasutajaskonna seisukohast on käesolev dokument rakendatav: — kõikidele organisatsioonidele, sealhulgas avalik-õiguslikele ja eraettevõtetele, valitsusasutustele ja mittetulundusühingutele; — igas suuruses organisatsioonidele, vähimatest kuni suurimateni, olenemata nende IT-kasutuse ulatusest.

Keel: en
Alusdokumendid: ISO/IEC 38500:2024
Asendab dokumenti: EVS-ISO/IEC 38500:2009

Arvamusküsitluse lõppkuupäev: 12.09.2024

43 MAANTEESÕIDUKITE EHITUS

prEN 1647

Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

This document specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in EN 13878, as temporary or seasonal accommodation. It specifies grades of resistance to snow loads and the stability of the structure of caravan holiday homes as well as the minimum information to be included in a user's handbook. It also specifies the corresponding test methods.

Keel: en
Alusdokumendid: prEN 1647
Asendab dokumenti: EVS-EN 1647:2018+A1:2021

Arvamusküsitluse lõppkuupäev: 12.09.2024

45 RAUDTEETEHNIKA

prEN IEC 61375-2-6:2024

Electronic railway equipment - Train communication network (TCN) - Part 2-6: On-board to ground communication

This part of IEC 61375 establishes the specification for the communication between the on-board subsystems and the ground subsystems. The communication system, interfaces and protocols are specified as a mobile communication function, using any available wireless technology. This document provides requirements in order to: a) select the wireless network on the basis of QoS parameters requested by the application; b) allow TCMS and/or OMTS applications, installed on-board and communicating on the on board communication network, to have a remote access to applications running on ground installations; c) allow applications running on ground installations to have a remote access to the TCMS and/or OMTS applications installed on-board. This document specifies further requirements which allow the applications running on-board and the applications running on ground to connect each other applying the virtual/functional addressing mechanism specified by IEC 61375-2-3 and exchanging application data sets produced or consumed by the on-board functions implemented in the devices attached to the TCN network. Furthermore, this document covers the security requirements in order to grant the access only to authenticated and authorised applications and to allow encryption of exchanged data. Note 1: This part specifies the application agnostic communication protocols. Note 2: With respect to cybersecurity this standard specifies usage of some protocols to ensure interoperability. Further cybersecurity requirements are addressed by standards addressing them (e.g., IEC 62443 and CLC/TS 50701). Note 3: This part defines communication protocols for non-safety-related applications. It is up to the user to employ suitable higher-layer safety protocols should the communication channel be used for such applications. Note 4: This part solely defines the interface between the MCG and GCG, their respective northbound interfaces are out of scope of this part.

Keel: en
Alusdokumendid: 9/3082/CDV; prEN IEC 61375-2-6:2024
Asendab dokumenti: EVS-EN IEC 61375-2-6:2018

Arvamusküsitluse lõppkuupäev: 12.09.2024

49 LENNUNDUS JA KOSMOSETEHNIKA

prEN 3359

Aerospace series - Steel X3CrNiMoAl13-8-2 (1.4534) - Vacuum induction melted and consumable electrode remelted - Softened - Forging stocks - a or D ≤ 300 mm

This document specifies the requirements relating to: Steel X3CrNiMoAl13-8-2 (1.4534) Vacuum induction melted and consumable electrode remelted Softened Forging stocks a or D ≤ 300 mm for aerospace applications. NOTE ASD-STAN designation: FE-PM1503 Material number: 1.4534

Keel: en
Alusdokumendid: prEN 3359
Asendab dokumenti: EVS-EN 3359:2007

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 3365

Aerospace series - Steel X15CrNi17-3 (1.4057) - Air melted - Softened - Forging stock - a or D ≤ 300 mm

This document specifies the requirements relating to: Steel X15CrNi17-3 (1.4057) Air melted Softened Forging stock a or D ≤ 300 mm for aerospace applications. NOTE ASD-STAN designation: FE-PM3901 Material number: 1.4057

Keel: en
Alusdokumendid: prEN 3365
Asendab dokumenti: EVS-EN 3365:2007

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 3490

Aerospace series - Steel X15CrNi17-3 (1.4057) - Air melted - Hardened and tempered - Bars for machining - De ≤ 200 mm - 900 MPa ≤ Rm ≤ 1 100 MPa

This document specifies the requirements relating to: Steel X15CrNi17-3 (1.4057) Air melted Hardened and tempered Bars for machining De ≤ 200 mm 900 MPa ≤ Rm ≤ 1 100 MPa for aerospace applications. NOTE ASD-STAN designation: FE-PM3901 Material number: 1.4057

Keel: en
Alusdokumendid: prEN 3490
Asendab dokumenti: EVS-EN 3490:2007

Arvamusküsitluse lõppkuupäev: 12.09.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 9073-5

Nonwovens - Test methods - Part 5: Determination of resistance to mechanical penetration (ball burst procedure) (ISO/DIS 9073-5:2024)

ISO 9073-5:2008 specifies a method for determining the resistance to mechanical penetration of nonwoven fabrics by a ball of a given diameter. The method is primarily designed to be used on nonwovens with some degree of elasticity, for which a regular burst test is not applicable.

Keel: en
Alusdokumendid: ISO/DIS 9073-5; prEN ISO 9073-5
Asendab dokumenti: EVS-EN ISO 9073-5:2008

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 9073-6

Nonwovens - Test methods - Part 6: Absorption (ISO/DIS 9073-6:2024)

This part of ISO 9073 describes methods for the evaluation of some aspects of the behaviour of nonwoven fabrics in the presence of liquids. In particular: _ the liquid absorbency time; _ the liquid absorptive capacity; _ the liquid wicking rate (capillarity). It should be noted that these different aspects of absorbency may relate to various end uses of the tested products. The tests are not applicable to any fabric containing super absorbent materials.

Keel: en
Alusdokumendid: ISO/DIS 9073-6; prEN ISO 9073-6
Asendab dokumenti: EVS-EN ISO 9073-6:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

65 PÕLLUMAJANDUS

prEN 14069

Liming materials - Denominations, specifications and labelling

This document describes and specifies the requirements of products of natural origin and products from industrial processes of basic and fine quality to be used as liming materials in agriculture for raising the pH of soil (and water).

Keel: en
Alusdokumendid: prEN 14069
Asendab dokumenti: EVS-EN 14069:2017

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 18103

Inorganic fertilizers - Determination of nutrient polymers nitrogen in the presence of other nitrogenous forms

This document specifies a method for the determination of nutrient polymers nitrogen in presence of the other forms of nitrogen in inorganic fertilizers. The method is applicable to all fertilizers which do not contain interfering organic compounds. NOTE Nutrient polymers are methylen-urea (MU), in liquid and in solid form, isobutylidenediurea (IBDU) and crotonylidenediurea (CDU).

Keel: en
Alusdokumendid: prEN 18103

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN 18109

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines

This document specifies the integrated management of agricultural plastic products with agronomic performance. This document gives guidance and requirements for their installation, use, removal, sorting, collection and preparation for recycling as well as general guidelines for design for recycling. NOTE 1 prEN 13206 , prEN 13207 , prEN 13655 , prEN 14932 and prEN 17098 1

include a specific clause dedicated to design for recycling. NOTE 2 Design for recycling for products not covered by a standard is detailed in this document. This document first aims professional users and can be used also for domestic purposes. This document applies to: - covering films that comply with EN 13206:2017+A1:2020 or with specifications laid out by the film manufacturer/supplier, used for covering greenhouses, small tunnels or livestock buildings, as well as to direct crop covers used for semi-forcing plants and seed; - silage films for horizontal silos that comply with EN 13207 or with specifications laid out by the film manufacturer/supplier; - sheaths for horizontal silos (forage crop and grain storage) that comply with EN 13207 or with specifications laid out by the sheath manufacturer/supplier; - stretch films for wrapping bales that comply with EN 14932 or with specifications laid out by the film manufacturer/supplier; - thermoplastic mulching films that comply with EN 13655 or with specifications laid out by the film manufacturer/supplier; - barrier films for agricultural and horticultural soil disinfection by fumigation comply with EN 17098 1; - nets and twines for catling and horticulture that comply with the specifications laid out by EN ISO 4167 or by the manufacturer/supplier; - flexible ducts, semi-rigid and rigid pipes and fittings for irrigation that comply with ISO 8779, EN ISO 9261, ISO 13460 1, ISO 16438, EN 14267, EN 12324 2, EN 13635, EN 13997, EN 17176 2:2019+A1:2022 or with specifications laid out by the manufacturer/supplier; - fabrics and non-woven nets and sheets for catling and horticulture that comply with ISO 9073 series or with specifications laid out by the manufacturer/supplier. This document does not cover construction, packaging and food-contact products. NOTE 3 For products non-suitable for recycling in the context of this document, specific procedures apply.

Keel: en
Alusdokumendid: prEN 18109

Arvamusküsitluse lõppkuupäev: 12.09.2024

75 NAFTA JA NAFTATEHNOLOOGIA

EN 17867:2023/prA1

Petrol fuel for small internal combustion engines - Requirements and test methods

This document specifies requirements on petrol fuel for use as fuel in small engines, together with the methods to be applied for testing these properties. This document specifies requirements for two types of petrol fuel having low aromatics and sulfur content: - one type for use in four-stroke engines with separate lubrication; and - one mixed petrol fuel type for use in mixture-lubricated engines. Testing the properties of the added engine oil is out of the scope of this document. NOTE For the purposes of this document, the terms “% (m/m)” and “% (V/V)” are used to represent respectively the mass fraction and the volume fraction.

Keel: en
Alusdokumendid: EN 17867:2023/prA1
Muudab dokumenti: EVS-EN 17867:2023

Arvamusküsitluse lõppkuupäev: 12.09.2024

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

prEN 15991

Testing of ceramic raw materials and ceramic materials - Direct determination of mass fractions of impurities in powders and granules of silicon carbide by inductively coupled plasma optical emission spectrometry with electrothermal vaporisation (ETV-ICP-OES)

This document defines a method for the determination of the mass fractions of the elements Al, Ca, Cr, Cu, Fe, Mg, Ni, Ti, V and Zr in powdered and granular silicon carbide. Dependent on element, emission lines, plasma conditions and sample mass, this test method is applicable for mass fractions of the above trace contaminations from about 0,1 mg/kg to about 1 000 mg/kg, after evaluation also from 0,001 mg/kg to about 5 000 mg/kg. NOTE 1 Generally for optical emission spectrometry using inductively coupled plasma and electrothermal vaporization (ETV-ICP-OES) there is a linear working range of up to four orders of magnitude. This range can be expanded for the respective elements by variation of the sample mass or by choosing emission lines with different sensitivity. After adequate verification, this document is also applicable to further metallic elements (excepting Rb and Cs) and some non-metallic contaminations (like P and S) and other allied non-metallic powdered or granular materials like carbides, nitrides, graphite, soot, coke, coal, and some other oxidic materials (see [1], [4], [5], [6], [7], [8], [9] and [10]). NOTE 2 There is positive experience with materials like, for example, graphite, boron carbide (B4C), silicon nitride (Si3N4), boron nitride (BN) and several metal oxides as well as with the determination of P and S in some of these materials.

Keel: en
Alusdokumendid: prEN 15991
Asendab dokumenti: EVS-EN 15991:2015

Arvamusküsitluse lõppkuupäev: 12.09.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN 18109

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines

This document specifies the integrated management of agricultural plastic products with agronomic performance. This document gives guidance and requirements for their installation, use, removal, sorting, collection and preparation for recycling as well as general guidelines for design for recycling. NOTE 1 prEN 13206 , prEN 13207 , prEN 13655 , prEN 14932 and prEN 17098 1 include a specific clause dedicated to design for recycling. NOTE 2 Design for recycling for products not covered by a standard is detailed in this document. This document first aims professional users and can be used also for domestic purposes. This document applies to: - covering films that comply with EN 13206:2017+A1:2020 or with specifications laid out by the film

manufacturer/supplier, used for covering greenhouses, small tunnels or livestock buildings, as well as to direct crop covers used for semi-forcing plants and seed; - silage films for horizontal silos that comply with EN 13207 or with specifications laid out by the film manufacturer/supplier; - sheaths for horizontal silos (forage crop and grain storage) that comply with EN 13207 or with specifications laid out by the sheath manufacturer/supplier; - stretch films for wrapping bales that comply with EN 14932 or with specifications laid out by the film manufacturer/supplier; - thermoplastic mulching films that comply with EN 13655 or with specifications laid out by the film manufacturer/supplier; - barrier films for agricultural and horticultural soil disinfection by fumigation comply with EN 17098 1; - nets and twines for catling and horticulture that comply with the specifications laid out by EN ISO 4167 or by the manufacturer/supplier; - flexible ducts, semi-rigid and rigid pipes and fittings for irrigation that comply with ISO 8779, EN ISO 9261, ISO 13460 1, ISO 16438, EN 14267, EN 12324 2, EN 13635, EN 13997, EN 17176 2:2019+A1:2022 or with specifications laid out by the manufacturer/supplier; - fabrics and non-woven nets and sheets for catling and horticulture that comply with ISO 9073 series or with specifications laid out by the manufacturer/supplier. This document does not cover construction, packaging and food-contact products. NOTE 3 For products non-suitable for recycling in the context of this document, specific procedures apply.

Keel: en
Alusdokumendid: prEN 18109

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 2440

Flexible and rigid cellular polymeric materials - Accelerated ageing tests (ISO/DIS 2440:2024)

This document specifies, for flexible and rigid cellular polymeric materials, laboratory procedures which are intended to imitate the effects of naturally occurring reactions such as oxidation or hydrolysis by humidity. The physical properties of interest are measured before and after the application of the specified treatments. Test conditions are only given for open cellular latex, both open- and closed-cell polyurethane foams, and closed-cell polyolefin foams. Conditions for other materials will be added as required. The effect of the ageing procedures on any of the physical properties of the material can be examined, but those normally tested are either the elongation and tensile properties, or the compression or indentation hardness properties. These tests do not necessarily correlate either with service behaviour or with ageing by exposure to light. If desired, the ageing conditions contained in this document can be applied to composite structures containing any of the above types of cellular material. This can be helpful in the investigation of possible interactions between cellular materials and other substrates. Composite constructions can be in the form of complete finished products or representative small specimens cut there-from.

Keel: en
Alusdokumendid: ISO/DIS 2440; prEN ISO 2440
Asendab dokumenti: EVS-EN ISO 2440:2019

Arvamusküsitluse lõppkuupäev: 12.09.2024

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 19396-1

Paints and varnishes - Determination of pH value - Part 1: pH electrodes with glass membrane (ISO/DIS 19396-1:2024)

ISO 19396-1:2017 specifies a method for laboratory measurement of the pH value of polymer dispersions and coating materials using pH electrodes with a glass membrane. ISO 19396-2 specifies a method for measuring the pH value using pH electrodes with ion-sensitive field-effect transistor (ISFET) technology.

Keel: en
Alusdokumendid: ISO/DIS 19396-1; prEN ISO 19396-1
Asendab dokumenti: EVS-EN ISO 19396-1:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 19396-2

Paints and varnishes - Determination of pH value - Part 2: pH electrodes with ISFET technology (ISO/DIS 19396-2:2024)

ISO 19396-2:2017 specifies a method for measuring the pH value of dispersions and coating materials using pH electrodes with ion-sensitive field-effect transistor (ISFET) technology. ISO 19396-1 specifies a method for measuring the pH value using pH electrodes with a glass membrane.

Keel: en
Alusdokumendid: ISO/DIS 19396-2; prEN ISO 19396-2
Asendab dokumenti: EVS-EN ISO 19396-2:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

91 EHITUSMATERJALID JA EHITUS

prEN 12541

Sanitary tapware - Pressure flushing valves and automatic closing urinal valves PN 10

This document applies to flushing valves for WCs and valves for urinals, with automatic hydraulic closure, intended for: - WC pans EN 997; - single flush urinals EN 13407; - siphon acting urinals EN 13407. It does not apply to no-contact detection valves. It is intended to specify: - marking and identification, physico-chemical, dimensional, leaktightness, pressure behaviour, hydraulic, mechanical endurance and acoustic characteristics of flushing valves for WCs and urinals with automatic closure; - test methods

used to verify these characteristics; - and to determine requirements for the atmospheric interrupter which shall be an integral part of the WC flushing valve. It applies in the following pressure and temperature conditions: Table 1 — Conditions of use for tapware Dynamic Pressure range recommended for a good working Urinals WC DN 15 WC DN 20 0,1 MPa ≤ P ≤ 0,5 MPa (1 bar ≤ P ≤ 5 bar) WC DN 25 0,08 MPa ≤ P ≤ 0,25 MPa (0,8 bar ≤ P ≤ 2,5 bar) WC DN 32 0,08 MPa ≤ P ≤ 0,25 MPa (0,8 bar ≤ P ≤ 2,5 bar) Maximum static pressure 1 MPa (10 bar) Water temperature ≤ 25 °C NOTE 1 Although this document limits the pressure for WC DN 25 and WC DN 32 valves till 0,25 MPa (2,5 bar), some European countries have legislation and recommendations for higher pressures. Health and quality requirements in accordance to European and national legislation for final materials in contact with water intended for human consumption are not covered by this document.

Keel: en
Alusdokumendid: prEN 12541
Asendab dokumenti: EVS-EN 12541:2003

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEVS 875-12

Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil
Property valuation - Part 12: Valuation for Compensation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles esitatakse hindamise põhimõtted hüvitamisel. Hüvitamise eesmärgil hindamise vajadus esineb avalikes huvides omandamisel, sundvalduse seadmisel ja teistel juhtudel, aga ka poolte vabal tahtel põhineva võõrandamise või kasutusõiguse seadmisel. Tegemist on standardi EVS 875-12:2016 „Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil“ uustöötlusega. Uustöötluse käigus on tehtud standardis järgmised olulisemad muudatused: 1) Standard viidud kooskõlla senise hindamis- ja õiguspraktikaga, sh valdkonda reguleerivate õigusaktidega. 2) Standardist on eemaldatud õigusaktidest pärinevad mõisted, selle asemele on toodud sisse rohkem viiteid ja seoseid õigusaktidele, mis vastavat mõistet, põhimõtet või käsitlust reguleerivad ja Riigikohtu kaasustele, mis hüvitamises osas seisukohti on võtnud. 3) Standardis on loobutud hüvitusväärtuse mõistest, kuna praktikas on mõiste kasutamine olnud eksitav ja KAHOS-est on see praeguseks välja jäetud. 4) Lisatud on sundvalduse tasu ja teiste kasutusõiguste tasude hindamise sätted, millest võib lähtuda ka servituutide seadmisel. 5) Lisatud on kolmandate isikute kahjude hindamise käsitlus. 6) Loodud on seosed maa korralise hindamisega ja selgitatud korralise hindamise tulemuste kasutamise võimalusi ja riske hüvitamisel. 7) Täpsustatud on hüvitamise eesmärgil tellitavate hindamiste regulatsiooni ja lisatud lähteülesannetee näidised.

Keel: et
Asendab dokumenti: EVS 875-12:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEVS 875-13

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eetikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega.

Keel: et
Asendab dokumenti: EVS 875-13:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

93 RAJATISED

prEVS 875-12

Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil
Property valuation - Part 12: Valuation for Compensation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja EVS 875 „Vara hindamine“ osa, milles esitatakse hindamise põhimõtted hüvitamisel. Hüvitamise eesmärgil hindamise vajadus esineb avalikes huvides omandamisel, sundvalduse seadmisel ja teistel juhtudel, aga ka poolte vabal tahtel põhineva võõrandamise või kasutusõiguse seadmisel. Tegemist on

standardi EVS 875-12:2016 „Vara hindamine. Osa 12: Hindamine hüvitamise eesmärgil“ uustöötlusega. Uustöötluse käigus on tehtud standardis järgmised olulisemad muudatused: 1) Standard viidud kooskõlla senise hindamis- ja õiguspraktikaga, sh valdkonda reguleerivate õigusaktidega. 2) Standardist on eemaldatud õigusaktidest pärinevad mõisted, selle asemele on toodud sisse rohkem viiteid ja seoseid õigusaktidele, mis vastavat mõistet, põhimõtet või käsitlust reguleerivad ja Riigikohtu kaasustele, mis hüvitamises osas seisukohti on võtnud. 3) Standardis on loobutud hüvitusväärtuse mõistest, kuna praktikas on mõiste kasutamine olnud eksitav ja KAHOS-est on see praeguseks välja jäetud. 4) Lisatud on sundvalduse tasu ja teiste kasutusõiguste tasude hindamise sätted, millest võib lähtuda ka servituutide seadmisel. 5) Lisatud on kolmandate isikute kahjude hindamise käsitlus. 6) Loodud on seosed maa korralise hindamisega ja selgitatud korralise hindamise tulemuste kasutamise võimalusi ja riske hüvitamisel. 7) Täpsustatud on hüvitamise eesmärgil tellitavate hindamiste regulatsiooni ja lisatud lähteülesannetee näidised.

Keel: et
Asendab dokumenti: EVS 875-12:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEVS 875-13

Vara hindamine. Osa 13: Keskkonnakvaliteedi ning keskkonna-, kliima- ja ESG-riskide arvestamine kinnisvara hindamisel
Property valuation - Part 13: Consideration of environmental quality and environmental, climate and ESG-related risks in property valuation

Standardisari EVS 875 käsitleb vara hindamist. Standardite kasutusalad on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajad on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused. Standardisari loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi. See Eesti standard on standardisarja „Vara hindamine“ osa, milles määratakse hindamise häid tavasid ja hindamistulemustele esitatavaid nõudeid. Selles Eesti standardis kirjeldatakse varade hindaja kutsemääratlust, hindaja kutse-eetikat ja hindamistoimingu korraldamise ning hindamistulemuste kajastamisega seotud nõudeid, sh nõudeid eri hindamisaruannete vormidele. Tegemist on standardi EVS 875-13:2016 „Keskkonnakvaliteedi, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel“ uustöötlusega.

Keel: et
Asendab dokumenti: EVS 875-13:2016

Arvamusküsitluse lõppkuupäev: 12.09.2024

97 OLME. MEELELAHUTUS. SPORT

prEN IEC 60730-2-11:2024

Automatic electrical controls - Part 2-11: Particular requirements for energy regulators

Replacement: This document applies to energy regulators • for use in, on, or in association with equipment for household appliance and similar use; NOTE 1 Throughout this document, the word "equipment" means "appliance and equipment" and “controls“ means “energy regulators“. • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; EXAMPLE 1 Energy regulator for commercial catering, heating and air-conditioning equipment. • that are smart enabled energy regulator; EXAMPLE 2 Smart grid control, remote interfaces/control of energy-consuming equipment including computer or smart phone. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC where the DC source is provided by primary or secondary batteries; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and to discrete thermistors, requirements for which are contained in Annex J; • that are mechanically or electrically operated, responsive to or controlling such characteristics as temperature, pressure, passage of time, humidity, light, electrostatic effects, flow, or liquid level, current, voltage, acceleration, or combinations thereof; • as well as manual controls when such are electrically and/or mechanically integral with automatic controls. NOTE 2 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1430/CDV; prEN IEC 60730-2-11:2024
Asendab dokumenti: EVS-EN IEC 60730-2-11:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60730-2-12:2024

Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks

This clause of Part 1 is replaced by the following: This document applies to automatic electrically operated door locks • for use in, on, or in association with equipment for household appliance and similar use, including equipment for heating, air-conditioning and similar applications; NOTE 1 Throughout this document, the word "equipment" means "appliance and equipment" and „controls“ means „door locks“. NOTE 2 Throughout this standard, the word “door” means “door, cover or lid”. The words “door lock” means “electrically operated door lock” • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; EXAMPLE 1 Controls for commercial catering, heating and air-conditioning equipment. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC where the DC source is provided by primary or secondary batteries; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and

to discrete thermistors, requirements for which are contained in Annex J; • that have electrical circuits and control circuits which are, for example, operated by bimetals, magnet coils, memory metals, pressure elements, temperature-sensitive expansion elements or electronic elements. NOTE 3 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1431/CDV; prEN IEC 60730-2-12:2024
Asendab dokumenti: EVS-EN IEC 60730-2-12:2019

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60730-2-13:2024

Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls

This clause of Part 1 is replaced by the following: This document applies to automatic electrical humidity sensing controls • for use in, on, or in association with equipment for household appliance and similar use; NOTE 1 Throughout this document, the word "equipment" means "appliance and equipment" and „controls“ means „humidity sensing control “. • for building automation within the scope of ISO 16484 series and IEC 63044 series (HBES/BACS); • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; EXAMPLE 1 Humidity Sensing Controls for commercial catering, heating and air-conditioning equipment. • that are smart enabled controls; EXAMPLE 2 Smart grid control, remote interfaces/control of energy-consuming equipment including computer or smart phone. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC where the DC source is provided by primary or secondary batteries; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and to discrete thermistors, requirements for which are contained in Annex J; • that are mechanically or electrically operated, responsive to or controlling such characteristics as temperature, pressure, passage of time, humidity, light, electrostatic effects, flow, or liquid level, current, voltage, acceleration, or combinations thereof; • as well as manual controls when such are electrically and/or mechanically integral with automatic controls. NOTE 2 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1432/CDV; prEN IEC 60730-2-13:2024
Asendab dokumenti: EVS-EN IEC 60730-2-13:2018
Asendab dokumenti: EVS-EN IEC 60730-2-13:2018/AC:2018

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60730-2-15:2024

Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls

This clause of Part 1 is replaced by the following: This document applies to automatic electrical air flow, water flow and water level sensing controls • for use in, on, or in association with boilers with a maximum pressure rating of 2 000 kPA (20 bar) and equipment for general household and similar use including controls for heating, air-conditioning and similar applications; NOTE 1 Throughout this document, the word "equipment" means "appliance and equipment" and „controls“ means „automatic electrical air flow, water flow and water level sensing controls“. EXAMPLE 1 Water flow and water level sensing controls of the float or electrode-sensor type used in boiler applications and air flow, water flow and water level sensing controls for swimming pool pumps, water tank pumps, cooling towers, dishwashers, washing machines, air conditioning chillers and ventilation applications. • for building automation within the scope of ISO 16484 series and IEC 63044 series (HBES/BACS); EXAMPLE 2 Independently mounted air flow, water flow and water level sensing controls in smart grid systems and controls for building automation systems within the scope of ISO 16484-2. • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; EXAMPLE 3 Controls for commercial boilers, heating and air-conditioning equipment. • that are smart enabled controls; EXAMPLE 4 Smart grid control, remote interfaces/control of energy-consuming equipment including computer or smart phone. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC where the DC source is provided by primary or secondary batteries; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and to discrete thermistors, requirements for which are contained in Annex J; • that are mechanically or electrically operated, responsive to or controlling air flow, water flow and water level; • as well as manual controls when such are electrically and/or mechanically integral with automatic controls. NOTE 2 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1433/CDV; prEN IEC 60730-2-15:2024
Asendab dokumenti: EVS-EN IEC 60730-2-15:2019

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN IEC 60730-2-9:2024

Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls

This clause of Part 1 is replaced by the following: This document applies to temperature sensing controls • for use in, on, or in association with equipment for household appliance and similar use, including equipment for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. NOTE 1 Throughout this document, the word "equipment" means "appliance and equipment" " and „controls“ means „temperature sensing controls“. • for building automation within the scope of ISO 16484 series and IEC 63044 series (HBES/BACS); EXAMPLE 1

Independently mounted temperature sensing controls, controls in smart grid systems and controls for building automation systems within the scope of ISO 16484-2. • for equipment that is used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications; EXAMPLE 2 Controls for commercial catering, heating and air-conditioning equipment. • that are smart enabled controls; EXAMPLE 3 Smart grid control, remote interfaces/control of energy-consuming equipment including computer or smart phone. • that are AC or DC powered controls with a rated voltage not exceeding 690 V AC or 600 V DC where the DC source is provided by primary or secondary batteries; • used in, on, or in association with equipment that use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof; • utilized as part of a control system or controls which are mechanically integral with multifunctional controls having non-electrical outputs; • using NTC or PTC thermistors and to discrete thermistors, requirements for which are contained in Annex J; • that have electrical circuits and control circuits which are, for example, operated by bimetals, magnet coils, memory metals, pressure elements, temperature-sensitive expansion elements or electronic elements. • as well as manual controls when such are electrically and/or mechanically integral with automatic controls. NOTE 2 Requirements for manually actuated mechanical switches not forming part of an automatic control are contained in IEC 61058-1-1.

Keel: en
Alusdokumendid: 72/1428/CDV; prEN IEC 60730-2-9:2024
Asendab dokumenti: EVS-EN IEC 60730-2-9:2019
Asendab dokumenti: EVS-EN IEC 60730-2-9:2019/A1:2019
Asendab dokumenti: EVS-EN IEC 60730-2-9:2019/A2:2020
Asendab dokumenti: EVS-EN IEC 60730-2-9:2019+A1+A2:2020

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 10833

Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test (ISO/DIS 10833:2024)

ISO 10833:2017 specifies a method to determine the susceptibility of textile floor coverings to mechanical damage at cut edges. It is applicable to all textile floor coverings both as sheet materials and as tiles.

Keel: en
Alusdokumendid: ISO/DIS 10833; prEN ISO 10833
Asendab dokumenti: EVS-EN ISO 10833:2019

Arvamusküsitluse lõppkuupäev: 12.09.2024

prEN ISO 16906

Resilient floor coverings - Determination of seam strength (ISO 16906:2015)

This International Standard specifies a method for determining the strength of the seams of resilient floor coverings when welded in accordance with the manufacturer’s instructions.

Keel: en
Alusdokumendid: ISO 16906:2015; prEN ISO 16906
Asendab dokumenti: EVS-EN 684:2000

Arvamusküsitluse lõppkuupäev: 12.09.2024

TÕLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

CEN/TS 18036:2024

Valgus ja valgustus. Hoonete valgustussüsteemide kasutuselevõtt

Käesolev dokument määratleb nõuded valgustussüsteemide kasutuselevõtule, et need vastaksid projektis ettenähtule. See dokument esitab valgustussüsteemide kasutuselevõtu üksikasjad, kuid ei keskendu süsteemi komponentide tehnilistele omadustele. Seda dokumenti saab rakendada uute või renoveeritavate mitteeluhoonete ja korterelamute avalike ruumide paigaldistes. See dokument ei hõlma valgustussüsteemi komponentide elektriühenduste aspekte, mis on ette nähtud olema vastavad asjakohastele õigusaktidele või standarditele. See dokument ei kohaldu hädavalgustuse kasutuselevõtule.

Keel: et
Alusdokumendid: CEN/TS 18036:2024

Kommenteerimise lõppkuupäev: 13.08.2024

EVS-EN 12004-2:2017

Plaatimissegud ja liimid keraamilistele plaatidele. Osa 2: Katsemeetodid

See Euroopa standard määrab kindlaks meetodid keraamiliste plaatide sise- ja välispaigaldamisel kasutatavate segude ja liimide omaduste määramiseks. See Euroopa standard ei sisalda toimivusnõudeid ega soovitusi keraamiliste plaatide kavandamiseks ja paigaldamiseks. Kirjeldatakse alljärgnevaid katsemeetodeid: — paigaldatavusaja määramine (8.1); — nihke määramine (8.2); — tsemendisegude tõmbenakketugevuse määramine (8.3); — dispersioonliimide nihkenakketugevuse määramine (8.4); — reaktsioonvaikliimide nihkenakketugevuse määramine (8.5); — tsemendisegude põikdeformatsiooni määramine (8.6). MÄRKUS Keraamiliste plaatide paigaldamiseks kasutatavaid segusid ja liime võib kasutada ka teiste plaaditüüpide puhul (looduslikud ja tehiskivid jne), kui see neid kive ei kahjusta. HOIATUS – See Euroopa standard võib hõlmata ohtlikke materjale ja toiminguid. Seda standardit kasutavad isikud peaksid tundma tavapärast laboripraktikat. See Euroopa standard ei käsitle kõiki selle kasutamisega seotud ohutusprobleeme, kui neid on. Kasutaja vastutab asjakohaste ohutus- ja tervishoiutavade kehtestamise ning kõigi Euroopa ja riiklike regulatiivsete tingimuste järgimise eest.

Keel: et
Alusdokumendid: EN 12004-2:2017

Kommenteerimise lõppkuupäev: 13.08.2024

EVS-EN 13116:2024

Rippfassaadid. Vastupanu tuulekoormusele. Toimivusnõuded.

See dokument määrab kindlaks tuulekoormuse all oleva rippfassaadi, nii selle fikseeritud kui ka avatavate osade konstruktsioonilised toimivusnõuded, staatilise üle- ja alarõhu korral. See dokument kehtib kõikide standardis EN 13830 määratletud rippfassaadide toodete kohta. MÄRKUS Paljude erinevate paigalduskõrguste ja mõõtmete varieeruvuse tõttu, mida rippfassaadi paigaldised võimaldavad, ei ole otstarbekas klassifitseerida suurt valikut rippfassaadisüsteeme lähtudes nii konstruktsiooni kui ka otstarbe seisukohast.

Keel: et
Alusdokumendid: EN 13116:2024

Kommenteerimise lõppkuupäev: 13.08.2024

EVS-EN 17468-2:2022

Tsementkiudtooted - Läbitõmbe ja nihkekindluse määramine ning paindetugevuse arvutused. Osa 2: Profileeriitud plaadid

See dokument määrab kindlaks katsemeetodid profileeritud tsementkiudplaatide läbitõmbekindluse (kinnitusvahendite pinge/surve katsetamine läbi plaatide) ja nihkekindluse katsetamiseks vastavalt standardile EN 494. Tulemused kehtivad vaid tsementkiudtoote, mitte kogu kinnitussõlme kohta. See kehtib ainult tarnitud toodetele. Läbitõmbekindluse rakendusala on määratletud jaotises 7.6. Nihkekindluse rakendusala on määratletud jaotises 8.6. MÄRKUS Lamedate tsementkiudplaatide projekteerimiseks lõpprakenduses ei kuulu kinnituse purunemise või aluskonstruktsioonist väljatõmbamise tõrkerežiimid selle standardi reguleerimisalasse. Need võivad muutuda otsustavaks ja neid tuleb katsetada või arvutada vastavalt kinnituste projekteerimisstandarditele (näiteks Eurocode 3 terase, Eurocode 5 puidu ja Eurocode 9 alumiiniumist aluskonstruktsioonide puhul) ning võrrelda väljatõmbe- ja nihkekindluse tulemustega.

Keel: et
Alusdokumendid: EN 17468-2:2022

Kommenteerimise lõppkuupäev: 13.08.2024

EVS-EN ISO 41011:2024

Kinnisvarakeskkonna korraldus. Sõnavara

See dokument esitab mõisted terminitele, mida kasutatakse kinnisvarakeskkonna korralduses.

Keel: et
Alusdokumendid: ISO 41011:2024; EN ISO 41011:2024

Kommenteerimise lõppkuupäev: 13.08.2024

prEVS-ISO/IEC 20546

Infotehnoloogia. Suurandmed. Ülevaade ja sõnavara

Antud dokument annab antud valdkonna paremaks mõismiseks ja kommunikatsiooniks vajaliku terminite ja definitsioonide baasi. Samuti loob suurandmetega seotud standardite jaoks terminoloogilise vundamendi. Dokument annab suurandmete valdkonna kohta kontseptuaalse ülevaate, kirjeldab selle suhteid teiste tehniliste aladega, standardiseerimisega ning suurandmete valdkonnas levinud ja tuntud suurandmetele omistatud mõistetega.

Keel: et
Alusdokumendid: ISO/IEC 20546:2019

Kommenteerimise lõppkuupäev: 13.08.2024

prEVS-ISO/IEC 38500

Infotehnoloogia. Infotehnoloogia valitsemine organisatsioonis

See dokument annab juhtpõhimõtted organisatsioonide juhatustele ja neid toetavatele isikutele infotehnoloogia (IT) toimivaks, tõhusaks ja vastuvõetavaks kasutamiseks oma organisatsioonides. See dokument on rakendatav: — organisatsiooni praeguse ja tulevase IT-kasutuse valitsemisele; — IT valitsemisele kui organisatsioonide valitsemise valdkonnale. Kasutajaskonna seisukohast on käesolev dokument rakendatav: — kõikidele organisatsioonidele, sealhulgas avalik-õiguslikele ja eraettevõtetele, valitsusasutustele ja mittetulundusühingutele; — igas suuruses organisatsioonidele, vähimatest kuni suurimateni, olenemata nende IT-kasutuse ulatusest.

Keel: et
Alusdokumendid: ISO/IEC 38500:2024

Kommenteerimise lõppkuupäev: 13.08.2024

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 15026:2023/prNA

Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Niiskuslevi hindamine numbrilise modelleerimisega
Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation

Standardi EVS-EN 15026 rahvuslik lisa, mis kirjeldab siseruumide ääretingimusi elamute projekteerimisel Eestis.

Täiendab rahvuslikult dokumenti: EVS-EN 15026:2023
Koostamisettepaneku esitaja: EVS/TK 14 „Ehitiste soojuslik toimivus“

prEVS 842

Ehitiste heliisolatsiooninõuded. Kaitse müra eest
Sond insulation requirements in buildings - Protection against noise

Heliisolatsiooni normdokument, mis käsitleb nõudeid ehitiste tarindite heliisolatsioonile, liiklus- ja tehnomürale ning järelkõlakestustele, liigitades nõuded klassidesse.

Asendab dokumenti: EVS 842:2003
Koostamisettepaneku esitaja: Reet Pruul, EVS/TK 61 „Müra ja ehitusakustika”

prEVS 911

Ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingute sõlmimine ja sisu
Voluntary professional indemnity guidelines for consulting engineering

See standard käsitleb: -vabatahtliku vastutuskindlustuse olemust; -ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu sõlmimist. Seejuures antakse selle standardiga soovitused, millest oleks kindlustusvõtjal mõistlik lähtuda enda kindlustushuvile vastava kindlustuskaitse leidmisel, vabatahtliku vastutuskindlustuse kindlustusandja valimisel ning sõlmitava kindlustuslepingu tingimustega tutvumisel. Samuti antakse selles standardis soovitused, kuidas oleks mõttekas hankelepingutes sätestada nõudeid seonduvalt ehituskonsultantide vabatahtliku erialase vastutuskindlustusega; -ehituskonsultantide vabatahtliku erialase vastutuskindlustuse lepingu täitmist ning lõpetamist. Muu hulgas selgitatakse, millised on lepingupoolte peamised õigused ja kohustused. Standard ei ole kohaldatav ehitamise ja ehitusjuhtimise suhtes sõlmitud vastutuskindlustuse lepingutele.

Asendab dokumenti: EVS 911:2018
Koostamisettepaneku esitaja: EKEL

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 12644-1:2001+A1:2008

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 1: Juhendid KONSOLIDEERITUD TEKST
Cranes - Information for use and testing - Part 1: Instructions CONSOLIDATED TEXT

This part of EN 12644 specifies requirements for the presentation and content of instruction handbook(s) supplied by the manufacturer for the use of cranes. This crane standard has been written to be used in conjunction with other crane standards being prepared by CEN/TC 147. The hazards covered by this standard are identified in clause 4. This part of EN 12644 applies to cranes which are manufactured after the date of approval by CEN of this standard. This standard does not cover hazards related to the lifting of persons.

Keel: en
Alusdokumendid: EN 12644-1:2001+A1:2008
Tühistamisküsitluse lõppkuupäev: 13.08.2024

EVS-EN 12644-2:2000+A1:2008

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 2: Märgistus KONSOLIDEERITUD TEKST
Cranes - Information for use and testing - Part 2: Marking CONSOLIDATED TEXT

This part of EN 12644 specifies the requirements for markings, signs and warnings for cranes. This crane standard has been written to be used in conjunction with other crane standards being prepared by CEN/TC147. The hazards covered by this standard are identified in clause 4. This part of EN 12644 applies to cranes which are manufactured after the date of approval by CEN of this standard. This standard does not cover hazards related to the lifting of persons.

Keel: en
Alusdokumendid: EN 12644-2:2000+A1:2008
Tühistamisküsitluse lõppkuupäev: 13.08.2024

EVS-EN 15772:2012

Textile floor coverings - Minimum requirements for needled floor coverings for single usage in events of limited duration

This European Standard specifies the minimum requirements for needled floor coverings in sheet form for single usage in events of limited duration. These floor coverings are intended to be adhered to the substrate. This European Standard is both applicable to needled pile floor coverings for single usage in events of limited duration and needled floor coverings without pile for single usage in events of limited duration. This European Standard is not applicable to tiles.

Keel: en
Alusdokumendid: EN 15772:2012
Tühistamisküsitluse lõppkuupäev: 13.08.2024

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Eesti Standardimis- ja Akrediteerimiskeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. Selliste teadete avaldamine võib olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samal ajal nii eesti- kui ka ingliskeelsena.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist. Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN IEC 62061:2021/A1:2024

Masinate ohutus. Ohutusega seotud juhtimissüsteemide funktsionaalne ohutus Amendment 1 - Safety of machinery - Functional safety of safety-related control systems

Eeldatav avaldamise aeg Eesti standardina 12.2024

EN ISO 7218:2024

Microbiology of the food chain - General requirements and guidance for microbiological examinations (ISO 7218:2024)

Eeldatav avaldamise aeg Eesti standardina 09.2024

EN ISO 17827-1:2024

Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above (ISO 17827-1:2024)

Eeldatav avaldamise aeg Eesti standardina 09.2024

EN ISO 17827-2:2024

Solid biofuels - Determination of particle size distribution for uncompressed fuels - Part 2: Vibrating screen method using sieves with aperture of 3,15 mm and below (ISO 17827-2:2024)

Eeldatav avaldamise aeg Eesti standardina 09.2024

EN ISO 17830:2024

Solid biofuels - Particle size distribution of disintegrated pellets (ISO 17830:2024)

Eeldatav avaldamise aeg Eesti standardina 09.2024